

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

NOV 2 1987

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2430'

1,975' FNL, 2,500' FWL

(SE,NW)

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

U-0804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Costas Federal 4-21-1C

10. FIELD AND POOL OR WILDCAT  
WONTS WILSON VALLEY  
Cypress Hills - Green River

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 21, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

±40 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,300

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,710' GL (Est.)

4,725' KB (Est.)

22. APPROX. DATE WORK WILL START\*

12-1-87

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	16"	65#	80'	To Surface
12 1/4"	9-5/8"	36#	500'	To Surface
8-3/4"	7"	23/26#	5,300'	To Surface

It is proposed to drill this development well to a depth of 5,300' to test the Green River formation.

Attachments: Certified Plat  
Drilling Program  
Chevron Class III BOPE  
Geologic Program  
Multipoint Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*J. L. Lutton*

TITLE Office Assistant

DATE October 21, 1987

(This space for Federal or State office use)

PERMIT NO.

43-047-31826

APPROVAL DATE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE 12-1-87  
BY *J. R. Boye*

\*See Instructions On Reverse

WELL SPACING: *PLS-3-3*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL  
WITHIN THE UINTAH OURAY RESERVATION

Company Chevron U.S.A. Inc. Well No. 4-21-1C  
Location Sec. 21 T8S R21E Lease No. U-0804

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The proposed casing and cementing program should adequately protect any fresh water or other mineral zones encountered. However, should wellbore conditions prevent successful completion of the proposed cementing, immediately notify Al McKee or Jerry Kenczka of this office for possible remedial work.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report

will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration.

Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen	(801) 247-2318
Assistant District Manager for Minerals	

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

R. Allen McKee	(801) 781-1368
Petroleum Engineer	

Revised October 1, 1985

Date APD Received 11/02/87

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator Chevron U.S.A., Inc.  
Well Name & Number Costas Fed. 4-21-1C  
Lease Number U-0804  
Location SE ¼ NW ¼ Sec. 21 T. 8 S. R. 21 E.  
Surface Ownership Ute Tribe

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Methods for Handling Waste Disposal

On BIA administered lands:

The reserve pit will be lined only if needed to conserve water and drilling fluid. If necessary, the pit will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit.)

Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

2. Plans for Restoration of Surface

a. Provide a restoration program upon completion of operations, including:

- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed
- (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
- (3) Proposed timetable for commencement and completion of rehabilitation operations

b. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within six months from the date of well completion.



All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BIA, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

3. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

Each existing fence to be crossed by the right-of-way shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BIA or SMA specifications.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

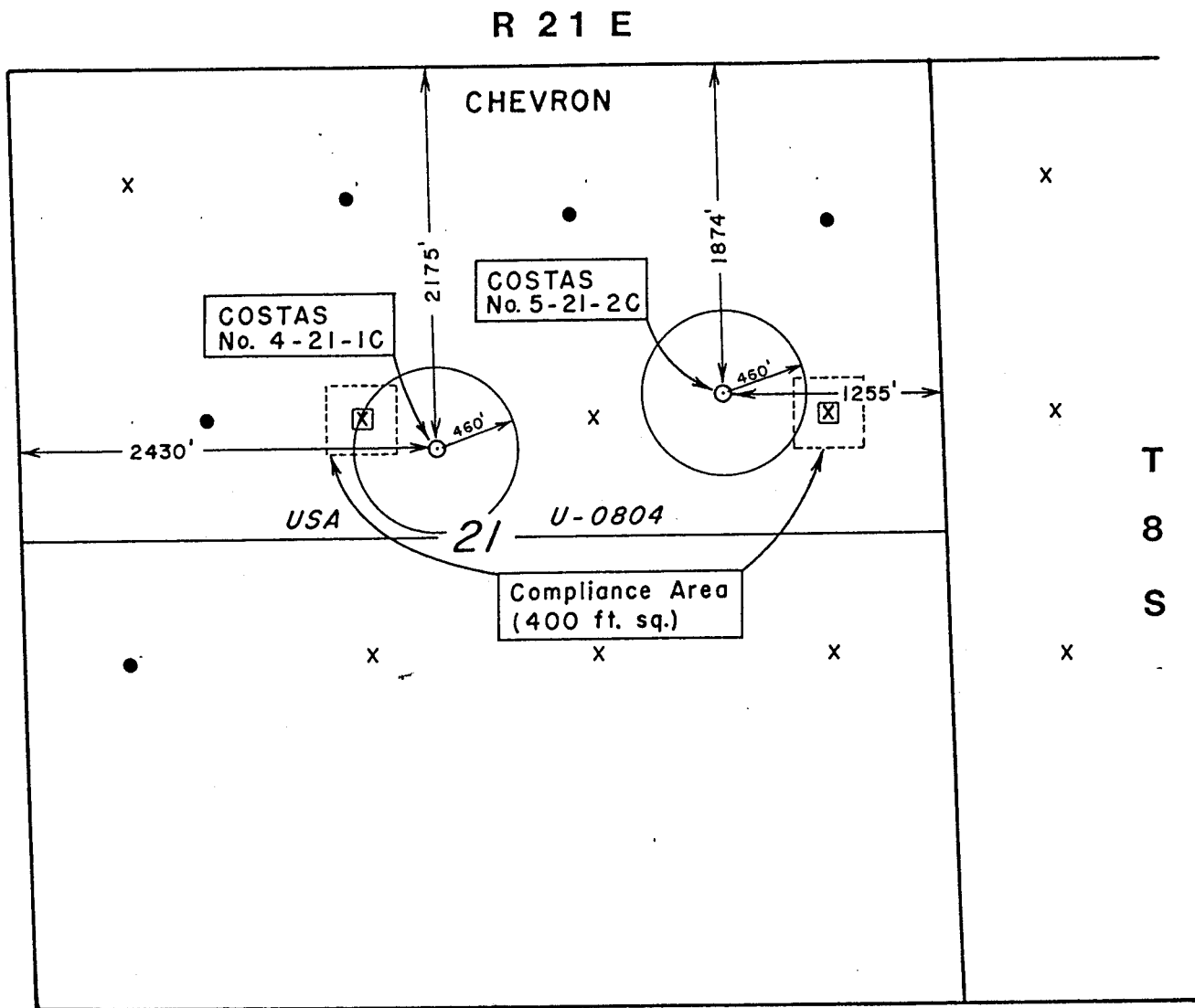
# EXHIBIT "A"

## EXCEPTION TO RULE 302

### CHEVRON COSTAS

Nos. 4-21-1C & 5-21-2C

Uintah County, Utah



Scale: 1" = 1000'

- ⊙ Location which applicant requests to drill
- ⊠ Authorized location
- x Locations which could be drilled in compliance with Rule 302
- Oil well

RECEIVED

NOV 2 1987

DRILLING PROGRAM

Field Gypsum Hills Well Costas 4-21-1C Exp/Dev Dev

Location 1975' FNL, 2500' FWL, SE NW, S21, T8S, R21E

Drill X Deepen                      Elevations: GL Est. 4710' KB Est. 4725'

~~XXXXXXXXXX~~/Straight Hole: Proposed Measured TD 5300' TVD 5300'  
 KOP NA Build NA Max. Angle NA Avg. Angle NA  
 Target Location NA Bearing from Surface NA

1. Conductor Hole

Hole Size 26" Proposed Depth 60' Casing Size, Weight & Grade 16", H-40

2. Surface Hole

Hole Size 12 1/4" Proposed Depth 500' BOPE ----  
 Mud Program: Type Water MW 8.4 FV - WL - Other                     

Potential Hazards: None

Electric Logging Program: None

Core/DST Program: None

Casing Program:  

Size	Grade	Weight	Thread	Section Length
<u>9-5/8"</u>	<u>K-55</u>	<u>36#</u>	<u>ST&amp;C</u>	<u>500'</u>

Cement Program: Lead Slurry -  
 Tail Slurry Class 'H' w/2% CaCl2 - 15.6 ppq

WOC Time 8 hrs. Casing Test 1000 psi Shoe test MWE 10.0 PI

3. Intermediate Hole NA

Hole Size                      Proposed Depth                      BOPE                       
 Mud Program: Type                      MW                      FV                      WL                      Other                     

Potential Hazards:                     

Electric Logging Program:                     

Core/DST Program:                     

Casing Program:  

Size	Grade	Weight	Thread	Section Length

Cement Program: Lead Slurry                       
 Tail Slurry                     

WOC Time                      hrs. Casing Test                      psi Shoe test MWE                      P

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Page 2  
Drilling Program  
Well Costas 4-21-1C**4. Oil String/Liner Hole**

Hole Size 8-3/4" Proposed Depth 5300' BOPE Chevron Class III - 3000 psi W.P.  
Mud Program: Type MW FV WL Other  
Gel-Water +8.6 - - 500'-2500'  
Gel-Water-Chem +9.0 40 +15cc 2500'-5300'  
Potential Hazards: Loss circulation.  
Electric Logging Program: As per attached Geologic Program.  
Core/DST Program: None.  
Casing Program:  

Size	Grade	Weight	Thread	Section Length
<u>7"</u>	<u>K-55</u>	<u>23#/ft</u>	<u>LT&amp;C</u>	<u>Surf-4300'</u>
<u>7"</u>	<u>K-55</u>	<u>26#/ft</u>	<u>LT&amp;C</u>	<u>4300'-5300'</u>

Cement Program: Lead Slurry Class 'H' w/16% Gel (Tailored for depth and temp.)  
Tail Slurry Class 'H' (Tailored for depth and temperature.)  
WOC Time 12 hrs. Casing Test 1500 psi

**5. Auxiliary Equipment**

Mud Logging Unit @ 2000' Rotating Head @ -  
Geolograph @ Spud Degasser @ -  
Visulogger @ - Desilter @ Spud  
Adj. Choke @ 500' Centrifuge @ -  
PVT & Flowmeter @ Spud Mud Cleaner @ -  
Trip Tank @ Spud H<sub>2</sub>S Safety Equip. @ -  
Other: Full opening drillpipe safety valve, inside BOP, upper and lower Kelly  
cock valves from spud.

**6. Drill String Design**

Surface Hole:  
BHA 12 1/2" bit, 8" DC, WB Stabilizer, 2-8" DCs, X0, 6-3/4" DCs.  
Drill Pipe 4 1/2" 16.60 #/ft Grade E.  
Intermediate Hole:  
BHA NA  
Drill Pipe NA  
Oil String/~~XXXX~~ Hole:  
BHA 8-3/4" bit, 18-6-3/4" DCs.  
Drill Pipe 4 1/2" 16.60 #/ft Grade E.

**7. Other**

Inspect BHA after 250 rotating hours.  
In "straight" holes run inclination surveys every +500 feet.  
Gyro Surveys None.  
Check drilling breaks for flow below 1000 feet.  
Fill drill pipe every 20 stds when running float.

**8. General Remarks**

Attached

**9. Geologic Program**

Attached

Prepared By JH / T. Ashman Date 9-17-87 Drilling Superintendent L. J. [Signature] Date 9-17-

NOV 2 1987

DRILLING PROGRAM ATTACHMENT

SECTION OF OIL  
GAS & MINING

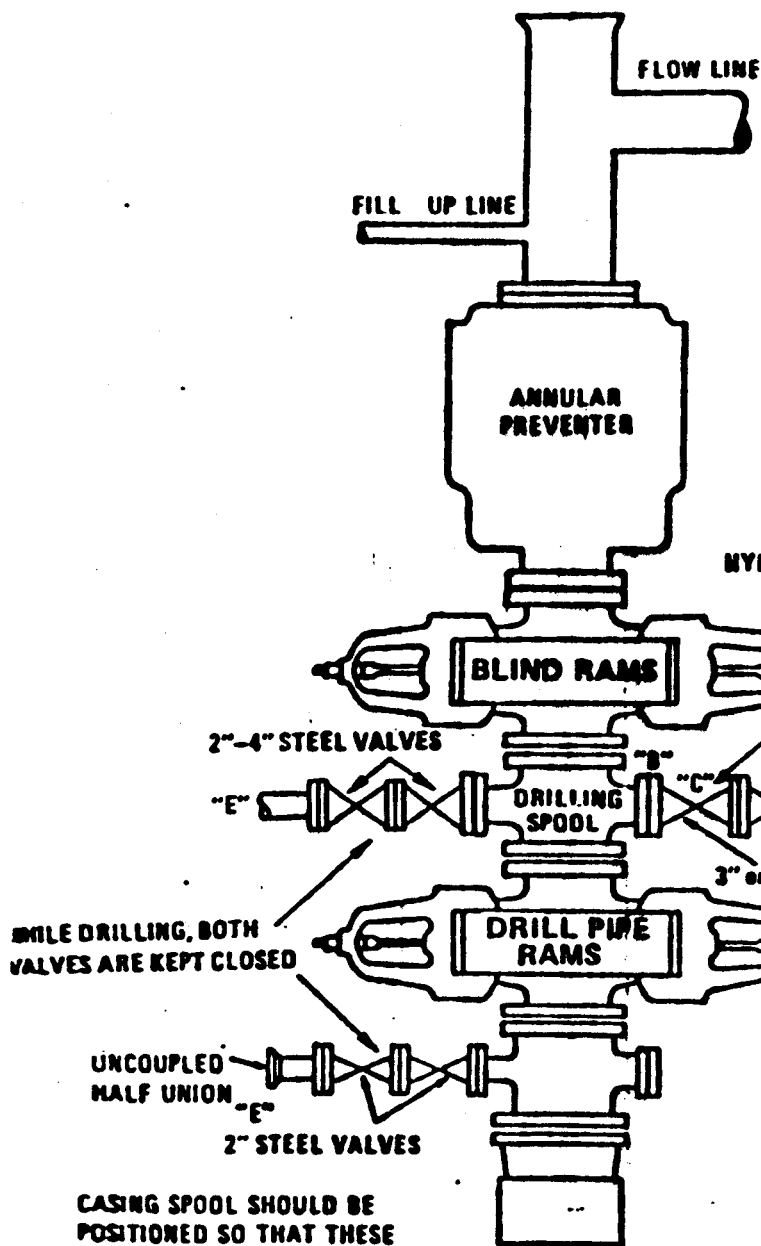
GENERAL REMARKS

1. Applicable Federal and State Regulations will be adhered to during the drilling of this well.
2. The drilling rig is to be level and the kelly centered over the hole before drilling operations commence. Check periodically during the drilling of the well to insure the rig stays level.
3. Prior to spud insure all toolpushers, drillers and crews are thoroughly familiar with and understand the Chevron procedure for handling well kicks.

In H<sub>2</sub>S environments Chevron's contingency plan for your location is to be read, understood and adhered to. All personnel are to be thoroughly familiar with the use of air packs, the air supply system, locations of air packs and what to do in the event of sour gas to surface.

4. Test BOPE before drilling out and every seven days thereafter. Perform low pressure test (200 psi) and high pressure test. High pressure test should be 70% of BOPE working pressure or 70% of burst of last casing string, whichever is less. Record BOP tests on Tour Reports. Notify applicable Federal and State Regulatory Agencies 24 hours in advance of BOPE tests and record notification and names on Tour Reports.
5. Do not reuse ring gaskets. Replace with new Rx or Bx ring gaskets.
6. Separate full opening safety valves and inside BOP's are required for each size drill pipe in use. Test weekly with BOPE.
7. Run full open valve below kelly that can be run in the hole if necessary. Do not use this valve as a mud saver sub.
8. BOP controls are to remain in the open position during drilling operations.
9. Hold pit drills for each crew at least once every seven days and record on Tour Reports.
10. On trips fill the annulus before hydrostatic pressure drops 75 psi or every 5 stds of drill pipe, whichever is first. Use trip tanks to measure hole fill-up and monitor at all times.
11. Use drill pipe floats at all times unless your supervisor instructs otherwise.
12. Have wear ring installed in wellhead before tripping or rotating. Remember to remove wear ring before running casing or when testing BOPE.

13. Casing rams are to be installed and bonnets tested on last trip out before running casing.
14. Run pilot and thickening time tests with rig mixing water for all cement slurries prior to cementing operations.
15. Casing should be tested to 1,500 psi or 0.2 psi/ft., whichever is greater, prior to drilling out and recorded on Tour Reports. Discuss the test pressure with your supervisor and reference DM-49 before testing.
16. Drill out slick beneath each casing string. Drill deep enough to bury stabilization to be picked up.
17. Do not drill with hardbanded pipe inside of casing.
18. Do not run full gauge stabilizers. Run stabilizers 1/16" to 1/8" undergauge.
19. When necessary to work pipe, keep pipe moving up and down. Rotating alone is not considered sufficient.
20. Install and test full lubricator on all logging runs unless instructed otherwise by supervisor.
21. Fully describe damaged or lost equipment on Tour Reports.



WHILE DRILLING, BOTH  
VALVES ARE KEPT CLOSED

UNCOUPLED  
HALF UNION

2" STEEL VALVES

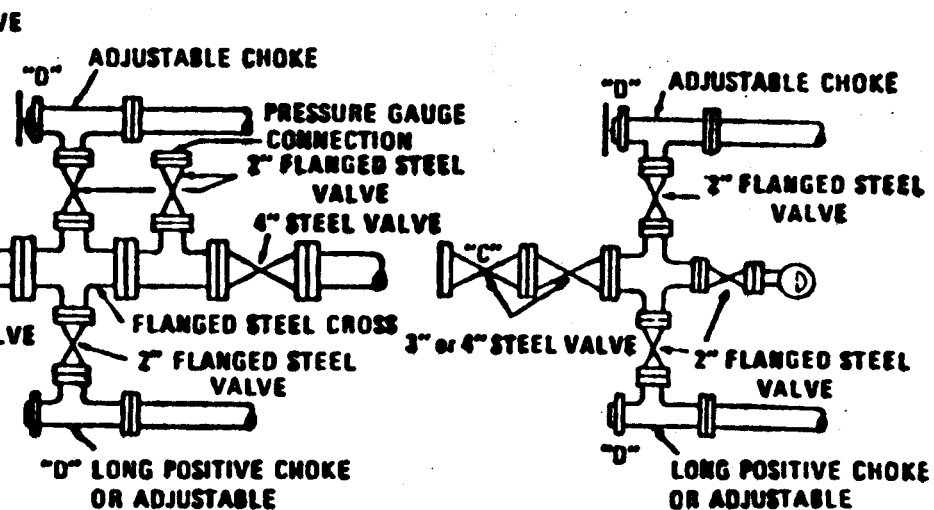
CASING SPOOL SHOULD BE  
POSITIONED SO THAT THESE  
VALVES ARE DIRECTLY UNDER  
THE BARREL OF THE RAM  
PREVENTER.

**FIGURE 4**  
**THREE PREVENTER HOOKUP**  
**CLASS III**

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

**EMERGENCY FLOW HOOKUP**

**ALTERNATE CHOKE MANIFOLD**



AN EXTRA SET OF DRILL PIPE RAMS AND BONNET SEALS  
WILL BE ON LOCATION AT ALL TIMES.

**Chevron U.S.A. Inc.**  
**ROCKY MTN. PRODUCTION DIVISION**



## ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT  
PREVENTION EQUIPMENT

## I. ACCEPTABLE ACCUMULATOR UNITS

- A. THE ACCUMULATOR SYSTEM MUST BE OF ADEQUATE CAPACITY TO CLOSE ALL HYDRAULIC BOP COMPONENTS WITH A 50% OPERATING FLUID RESERVE FOR A 3000, 2000, AND 1500 PSI SYSTEM. A MINIMUM ACCUMULATOR PRESSURE OF 1200 PSI WILL BE REQUIRED AFTER CLOSING ALL HYDRAULIC PREVENTER COMPONENTS WITH THE FLUID PUMPS SHUT OFF.
- B. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

## II. CONTROL UNITS

- A. ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY OF CONFUSION. THESE VALVES ARE TO BE LEFT IN THE OPEN POSITION UNLESS OPERATING BOP COMPONENTS.
- B. HANDWHEELS FOR PIPE AND BLIND RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

## III. PREVENTER UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API RX OR BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE CHECKED FOR TIGHTNESS AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS.
- E. PREVENTERS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
- G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.
- H. ALL REPLACEMENT PARTS TO BE OF SAME MANUFACTURE AS BOP'S.

## IV. TESTING

- A. BLOWOUT PREVENTERS, KILL LINE, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
- B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.
- C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.
- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.
- E. ALL B.O.P.E. TO BE OPERATED DAILY, BLIND RAMS ON TRIPS.

## V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.
- E. INSIDE BLOWOUT PREVENTER AND FLOAT VALVE TO HAVE CONNECTIONS FOR DRILL STRING AND TO BE ABLE TO PASS THROUGH BOP STACK INTO OPEN HOLE.

NOV 2 1987

GEOLOGIC PROGRAMField/Area Wonsits Valley Field Expl/Dev DevelopmentWell Name Costas Federal 4-21-1C

Location: Sec 21 TWP 8S Range 21E  
 Co Uintah State Utah  
 Surface 1975 FNL & 2500 FWL SE NW  
 Bottom Hole Same

Elevation: GL estimated 4710' Surveyed \_\_\_\_\_  
 KB estimated 4725' Surveyed \_\_\_\_\_

Total Depth 5290' Fm at TD Lower Green River

Objectives: Primary Lower Green River Gl Lime  
 Secondary \_\_\_\_\_

Coring:	Formation	Estimated Depth	Amount
Interval/on show	None		
Interval/on show			
Interval/on show			
Interval/on show			
Interval/on show			

Drill Stem Testing None  
 \_\_\_\_\_  
 \_\_\_\_\_

Mud Logging Two man FID unit from 2000' to TD (est. cost = \$2,400)  
 \_\_\_\_\_  
 \_\_\_\_\_

Electric logging:	Surface	Intermediate	Total Depth
1) <del>DHL-SP-</del>			
2) <del>DHL-MSFL-SP</del>			
3) <del>BHC w/GR, Gal.</del>			
4) LDT-CNL w/GR, Cal.			<u>2000' to TD</u>
5) <del>FDG-CNL w/GR, Gal.</del>			
6) <del>Dipmeter</del>			
7) <del>Velocity survey</del>			
8) <del>RFT</del>			
9) DISFL w/GR, SP			<u>Surface to TD</u>
10) Microlog w/GR			<u>2000' to TD</u>
11)			

All runs from TD to either base of surface casing or overlap with previous log run unless otherwise noted.

NOV 2 1987

GEOLOGIC PROGRAM (Continued)

**Tops:**

Formation	Estimated Depth, datum	Sample Depth, datum	Log Depth, datum
Green River	2090 (+2620)		
Lower G.R.	4185 (+ 540)		
F4 Equiv.	5122 (- 397)		
G1 Lime	5170 (- 445)		

**Correlation Wells:**

**Correlative Zones with Subject Well**

	Fm	Interval	
1) WVF #136	Top Basal GR	4250 (+489)	<del>Primary objective</del>
	F4 Equiv.	5146 (-407)	<del>zones to be cored.</del>
	G1 Lime	5193 (-454)	<del>Zone to be DST.</del>
2) Costas Fed 3-21-1D	Top Basal GR	4220 (+519)	<del>Primary objective</del>
	F4 Equiv.	5132 (-419)	<del>zones to be cored.</del>
	G1 Lime	5181 (-468)	<del>Zones to be DST.</del>

**DIVISION OF INTEREST:**

**Working Interest Partners:**

Chevron	100 %				

**Others Receiving Data:**

None				

**REMARKS:** Estimated pay = 16' (G1 Lime)  
Estimated logging cost = \$12,000

Prepared by M. L. Schuh  
Reviewed by [Signature]  
Formation Evaluation Analyst

Date 8-15-87  
Date 8-14-87

Approved [Signature]

Date 8-14-87

CHEVRON U.S.A. INC.  
COSTAS 4-21-1C  
SECTION 21, T8S, R21E  
UINTAH COUNTY, UTAH  
MULTIPOINT SURFACE USE PLAN

NOV 2 1967

1. EXISTING ROADS

- A. See Topo maps "A" and "B". We do not plan to change, alter or improve upon any existing state or county roads.
- B. From Ouray, Utah go south across the Green River bridge and turn left. Travel approximately 4 miles, then take left fork in road +3.4 miles to proposed access road.

2. PLANNED ACCESS ROAD

From the proposed access road entrance the proposed access road is to go approximately 600' south. Existing and planned access roads in the Unit will be maintained in accordance with Bureau of Land Management (BLM) requirements. See Topo Map "B".

- A. Width: Maximum width 30' with an 18' travel area.
- B. Maximum Grade: No greater than 8%
- C. Turnouts: None, avoid blind corners.
- D. Drainage Design: Roads to be placed and constructed so that minimal drainage alterations will be made. Water will be diverted around well pad as necessary.
- E. No major cuts and fills.
- F. Surfacing Materials: Gravel if necessary (see item 6-A).
- G. Other: No gates, cattleguards or fence cuts.

3. LOCATION OF EXISTING WELLS

See Topo Map B.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. See Topo Map B.
- B. Install new flowline from subject well to tie into an existing flowline. Flowline will be 3" plain end welded line pipe, placed on supports on the surface, heat traced, insulated and wrapped with green childer.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BIA.
- D. A blooie pit 8' X 10' X 5' deep will be constructed 150' to the north of the center hole as shown on Exhibit "C". A line will be placed on the surface from the center hole in the burn pit. The pit will be fenced on four sides to protect livestock.

- E. A line heater will be required for the production from this well. About 100' of access will be needed to service this line heater. This will be adjacent to the pad and placed along the production flowline from this well.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water supplied to the location will be hauled by truck on existing roads in the area from a point in Section 13, T7S, R23E in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ . This water source has been permitted with the Utah State Engineer.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All land is Ute Tribal land. All gravel, cement, etc., needed on the access road and location will come commercially from the Vernal, Utah area. Access road needed is shown on Topo map "B".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in the reserve pit. The reserve pit will be unlined. It will be fenced with a wire mesh fence, topped with at least one strand of barbed wire.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling, the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit, and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in a 1,000 gallon fiberglass insulated holding tank, which is to be placed in the vicinity of the trailers on the well location. Arrangements have been made for the sewage to be transported from the wellsite to the City of Vernal, Utah for disposal in the city disposal system. The sewage will be hauled by an authorized hauling firm.
- E. Trash will be contained in a portable metal container and hauled periodically to an approved disposal dump.
- F. After the rig has moved from the wellsite, all waste material will be removed to an approved disposal dump.

8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of two trailers to be located on the drilling location.

9. WELLSITE LAYOUT

A. Four to six inches of topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil stockpiles will be located as shown on Exhibit "C".

B. Pits will not be lined.

C. Access to the well pad will be as indicated in Exhibit "C".

10. PLANS FOR RESTORATION OF SURFACE

A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BIA.

C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

D. Any oil accumulation on the pit will be removed, burned or overhead flagged as dictated by then existing conditions.

E. The well will be completed during 1987. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

11. SURFACE OWNERSHIP

A. The wellsite, access roads, flowlines and powerlines will all be constructed on BIA owned surfaces. The operator shall contact the BLM office at (801) 789-1362 and the BIA office at (801) 722-2406 between 24 and 48 hours prior to construction activities.

12. OTHER INFORMATION

A. The well is located on hilly and sandy terrain. Vegetation consists of small sagebrush and natural grasses around the locations. The soil

is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.

- B. Surface use activities other than the oil well facilities consist of livestock grazing.
- C. There are no water bodies or occupied dwellings near the wellsites. Archaeological, historical and cultural sites may be determined during the field inspection. An archaeological survey has been conducted on the disturbed areas and a copy of this report sent to the BLM.

13. COMPANY REPRESENTATIVE

Mr. B. L. Haynes  
P.O. Box 599  
Denver, CO 80201  
(303) 930-3403

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-28-87  
Date

B. L. Haynes  
B. L. Haynes  
Drilling Manager

JLW:mm

Map "A" - Proposed Location  
Map "B" - Proposed Access Road  
Exhibit "C" - Location Layout and Cut and Fill

CHEVRON U.S.A. INC.

**COSTAS #4-21-16**

PROPOSED LOCATION

TOPO.

MAP "A"

NOV 12 1957

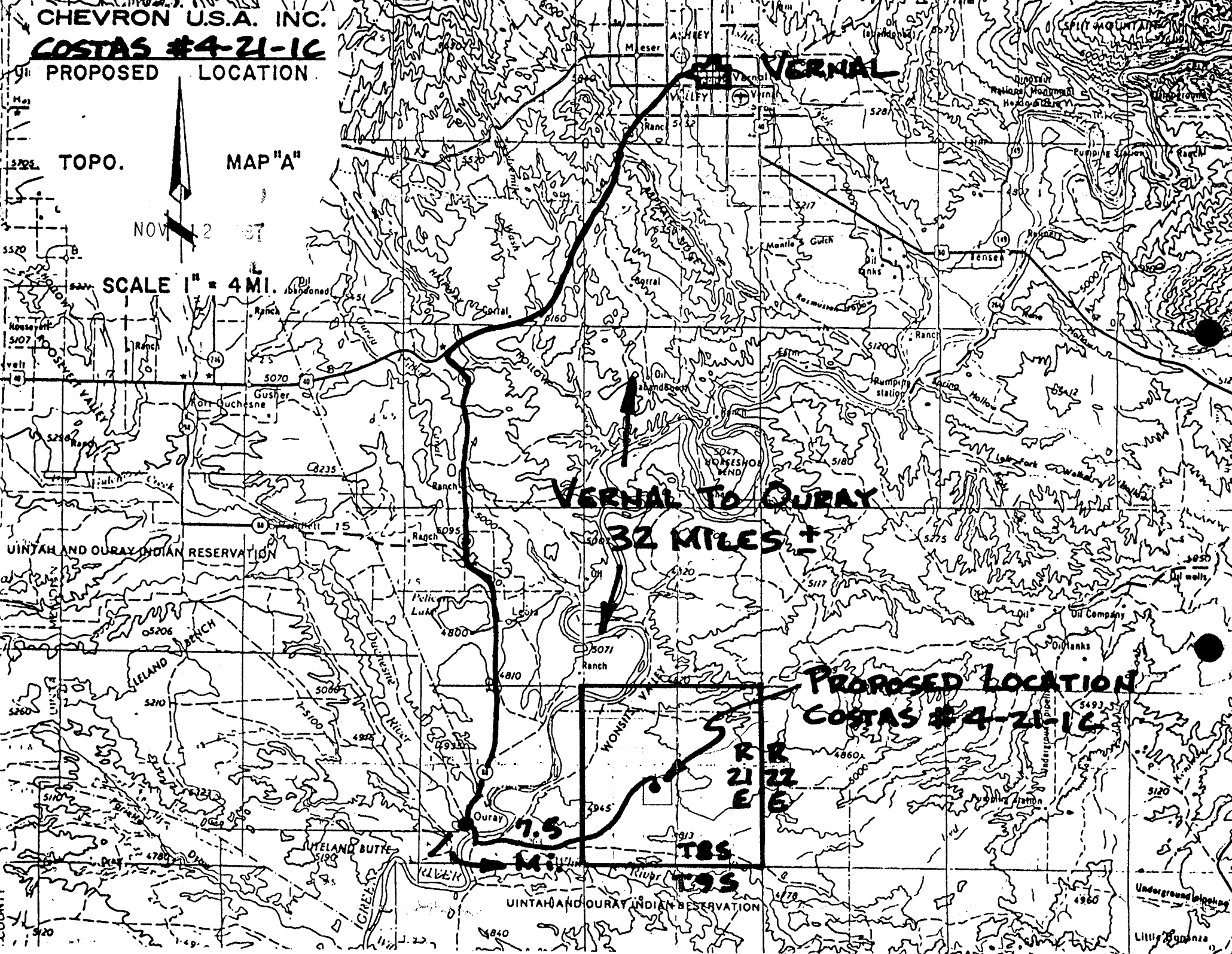
SCALE 1" = 4 MI.

**VERNAL TO OURAY**  
**32 MILES ±**

**PROPOSED LOCATION**  
**COSTAS #4-21-16**

**7.5**  
**MI**  
**T85**  
**T95**

**RR**  
**2122**  
**E**





CHEVRON U.S.A. INC.  
**COSTAS #4-21-1C**  
PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

UTAH

QUADRANGLE LOCATION

**T8S, R21E, S14M.**

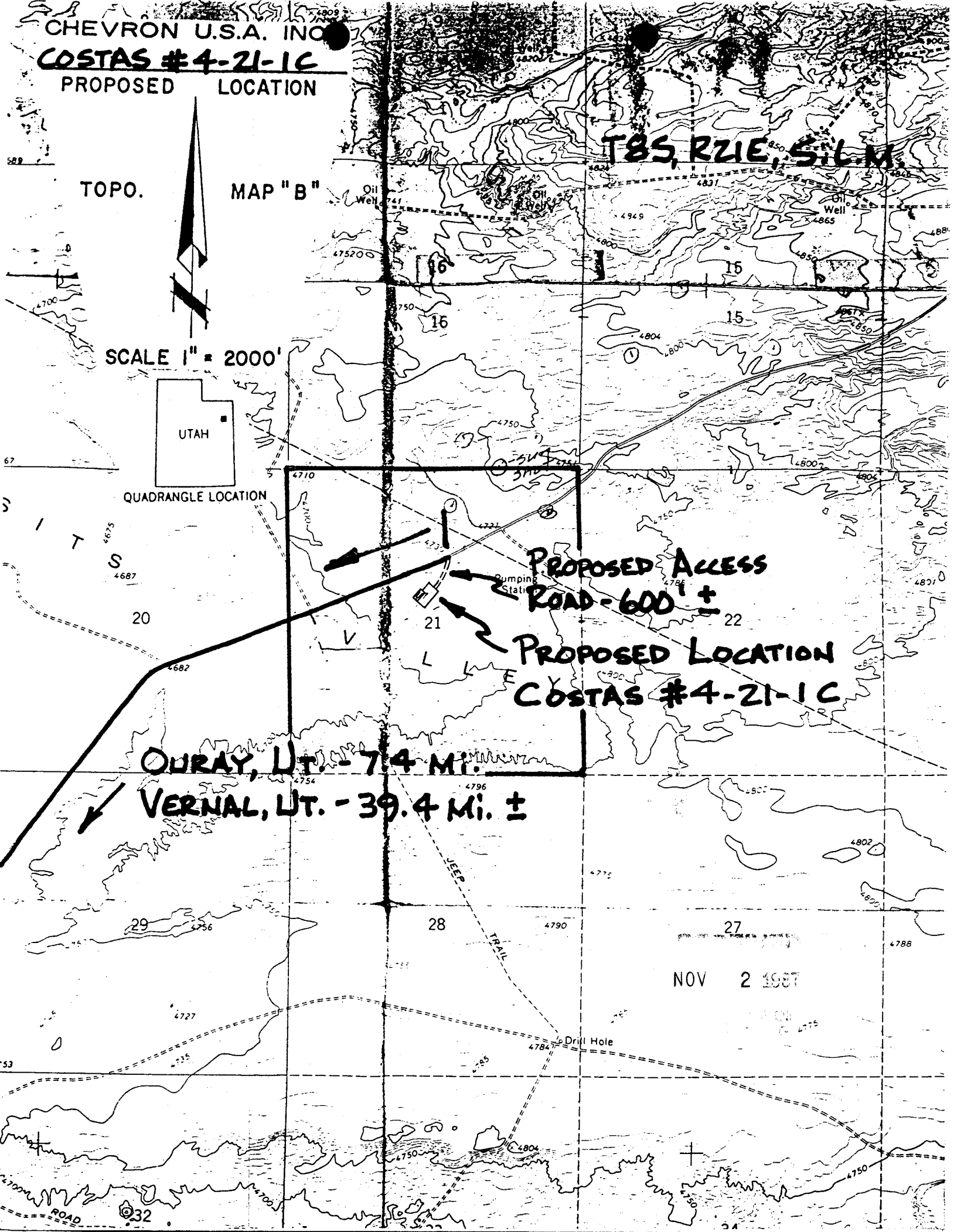
**PROPOSED ACCESS  
ROAD - 600' ±**

**PROPOSED LOCATION  
COSTAS #4-21-1C**

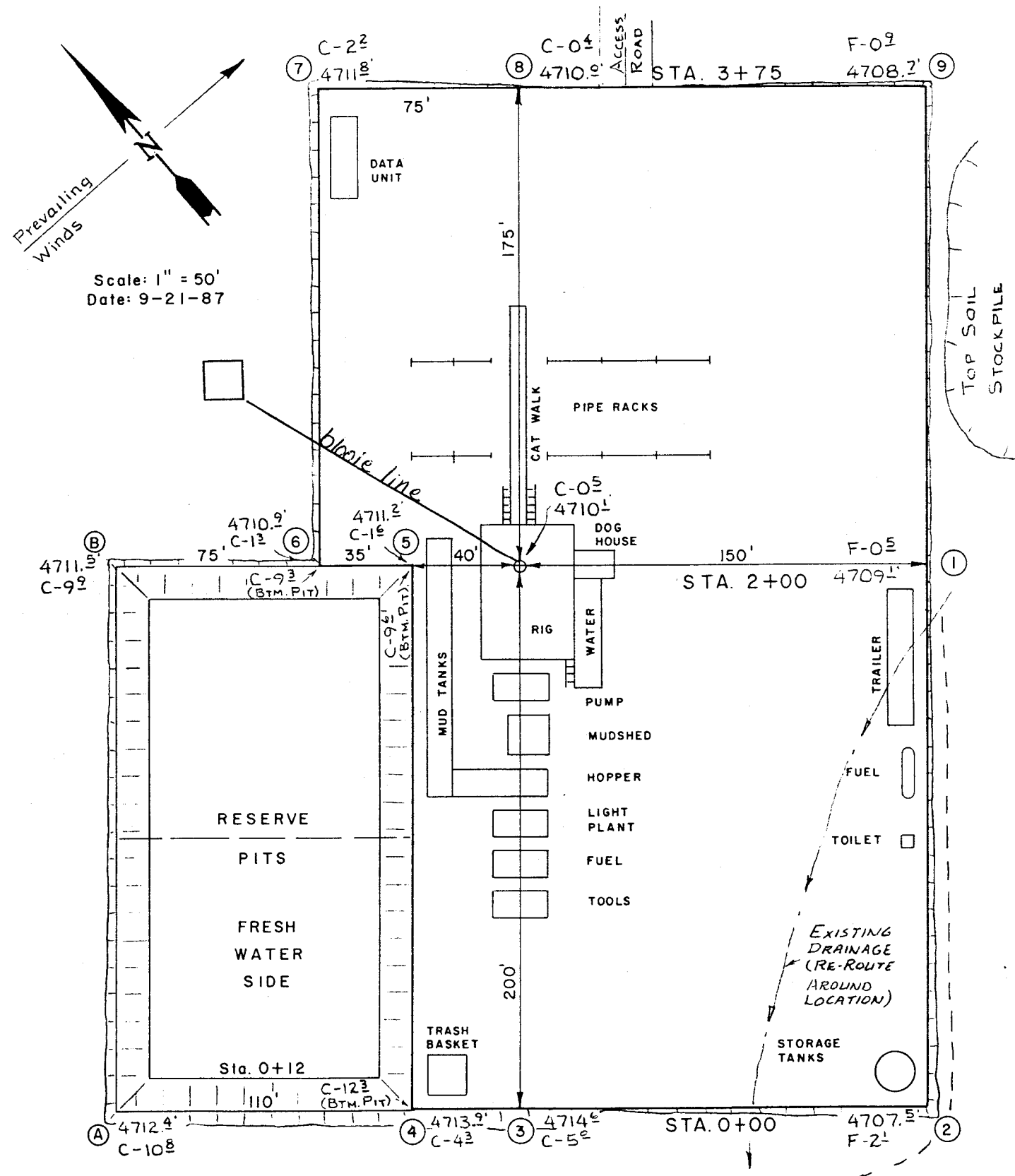
**OURAY, UT. - 7.4 MI.**

**VERNAL, UT. - 39.4 MI. ±**

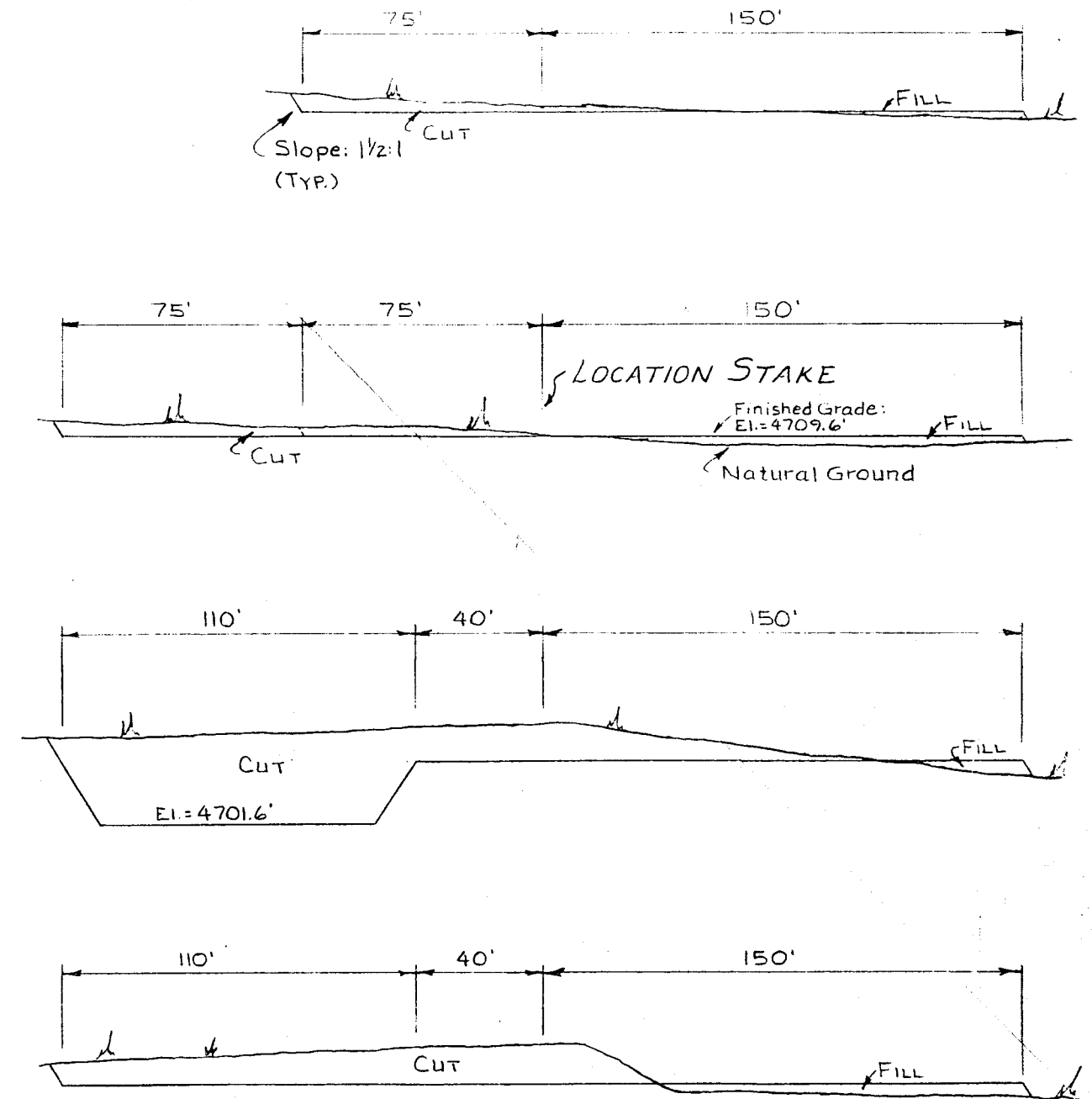
NOV 2 1987



CHEVRON U.S.A., INC.  
COSTAS 4-21-CI  
LOCATION LAYOUT  
LOCATED IN  
SECTION 21, T8S, R21E, S.L.B.&M.



# CROSS SECTION



NOV 2 1967

APPROXIMATE YARDAGES

<u>CUT</u>	<u>FILL</u>
9,963 Cu. Yds.	LOCATION = 806 Cu. Yds. TOP SOIL (6") = 1,840 Cu. Yds. PIT BACKFILL = 2,729 Cu. Yds. (1/2 Volume)

TOTAL FILL = 5,375 Cu. Yds.

UNBALANCE AFTER 20 % COMPACTION IS 4,427 Cu Yds.  
OF CUT

Exhibit C



**Chevron U.S.A. Inc.**

6400 South Fiddler's Green Circle, Englewood, CO 80111, P. O. Box 599, Denver, CO 80201

W. M. Balkovatz  
Regional Counsel

November 2, 1987

NOV 3 1987

Ms. Marjorie L. Anderson, Secretary  
Board of Oil, Gas and Mining  
State of Utah  
Department of Natural Resources  
3 Triad Center, Suite 302  
Salt Lake City, UT 84180-1203

Dear Ms. Anderson:

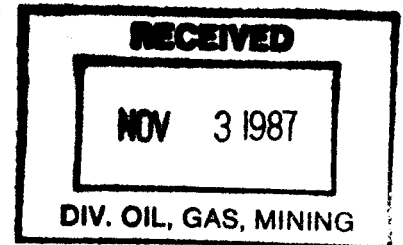
In compliance with Rule 6(f) of the Board's Procedural Rules, enclosed are the original and 12 copies of the Petition of Chevron U.S.A. Inc. to drill two wells as exceptions to the location requirements of Rule 302 contained in the Board's General Rules.

Your expeditious handling and response will be appreciated because we plan to drill this year.

Yours very truly,

WMB:js  
Enclosure

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH



IN THE MATTER OF THE PETITION OF  
CHEVRON U.S.A. INC., FOR ADMINISTRATIVE  
APPROVAL TO DRILL TWO WELLS AS  
EXCEPTIONS TO THE LOCATION REQUIREMENTS  
OF RULE 302

)  
) DOCKET NO. \_\_\_\_\_  
) CAUSE NO. \_\_\_\_\_  
)

P E T I T I O N

COMES NOW PETITIONER, CHEVRON U.S.A. INC., by and through its undersigned attorney, and in support of this Petition respectfully states and alleges:

1. Chevron U.S.A. Inc. is a corporation organized and existing under the Laws of the State of Pennsylvania, and is duly authorized to and is conducting business in the State of Utah.

2. The proposed exception locations in the SE¼NW¼ and in the SE¼NE¼ of Section 21, Township 8 South, Range 21 East, S.L.B.&M., Uintah County, Utah are necessary to economically drain the G-1 Lime interval (the primary objective in the Lower Green River Formation) in the S½N½ of said Section 21. The proposed two wells, and the existing well in the SW¼NW¼ of said Section 21, will economically and efficiently drain the recoverable reserves in the S½N½ of said Section 21, consequently, the drilling of a well in the SE¼NE¼ of said Section 21, under the location requirements of Rule 302 is not required to drain reserves and would be economically wasteful due to the fact that the G-1 Lime pinches out in the east portion of said SE¼NE¼.

3. Attached hereto as Exhibit "A" and by this reference made a part hereof, is a plat showing:

- a) The location at which an oil or gas well could be drilled in compliance with Rule 302;


- b) The locations at which Petitioner requests administrative permission to drill;
- c) The locations at which oil or gas wells have been or could be drilled in accordance with Rule 302, directly or diagonally offsetting the proposed exception locations, and
- d) the names of "Owners" as defined in Section 40-6-2(7) of the Utah Oil and Gas Conservation Act, within a 460 foot radius of the proposed exception locations.

4. Petitioner, as shown on Exhibit "A," is the only "Owner" within a radius of 460 feet of the proposed exception locations; accordingly, the written consent of such "Owners" within such radius as required by Rule 302.1(2) for administrative authority to drill at the proposed exception locations is not applicable.

WHEREFORE, Petitioner respectfully requests administrative approval, pursuant to Rule 302.1(a), to drill the proposed wells at the locations shown on Exhibit "A" as an exception to the location requirement of Rule 302.

DATED this 2nd day of November, 1987.

CHEVRON U.S.A. INC.

By   
W. M. Balkovatz  
Its Attorney  
P.O. Box 599  
Denver, CO 80201  
(303) 930-3065

121001

OPERATOR Chevron U.S.A. Inc DATE 11-4-87WELL NAME Costas Fed. 4-21-1CSEC SE NW 21 T 85 R 21E COUNTY Wintah

43-047-31824

API NUMBER

Fed

TYPE OF LEASE

## CHECK OFF:

☒ PLAT☒ BOND☒ NEAREST  
WELL☒ LEASE☒ FIELD☒ POTASH OR  
OIL SHALE

## PROCESSING COMMENTS:

No other well within 920'Need water permit - OK per Water RightsNeed exp. loc. reg. - Rec. 11/3/87

## APPROVAL LETTER:

SPACING: ☐ R615-2-3 \_\_\_\_\_ UNIT☐ R615-3-2☐ \_\_\_\_\_  
CAUSE NO. & DATE☒ R615-3-3

## STIPULATIONS:

Water

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 11111	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201	9. WELL NO. Costas Federal 4-21-1C
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  See Below	10. FIELD AND POOL, OR WILDCAT Gypsum Hills Green River
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4710' U. Gr.
12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/> Revise APD	(Other) <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Coordinates of surface location are 2175' FNL, 2430' FWL, SE $\frac{1}{4}$ /NW $\frac{1}{4}$  as shown on plat rather than those shown on APD.

3 - BLM  
3 - State  
1 - EEM  
1 - MKD  
3 - Drlg  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED J. K. Stetson

TITLE Office Assistant

DATE 11-13-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

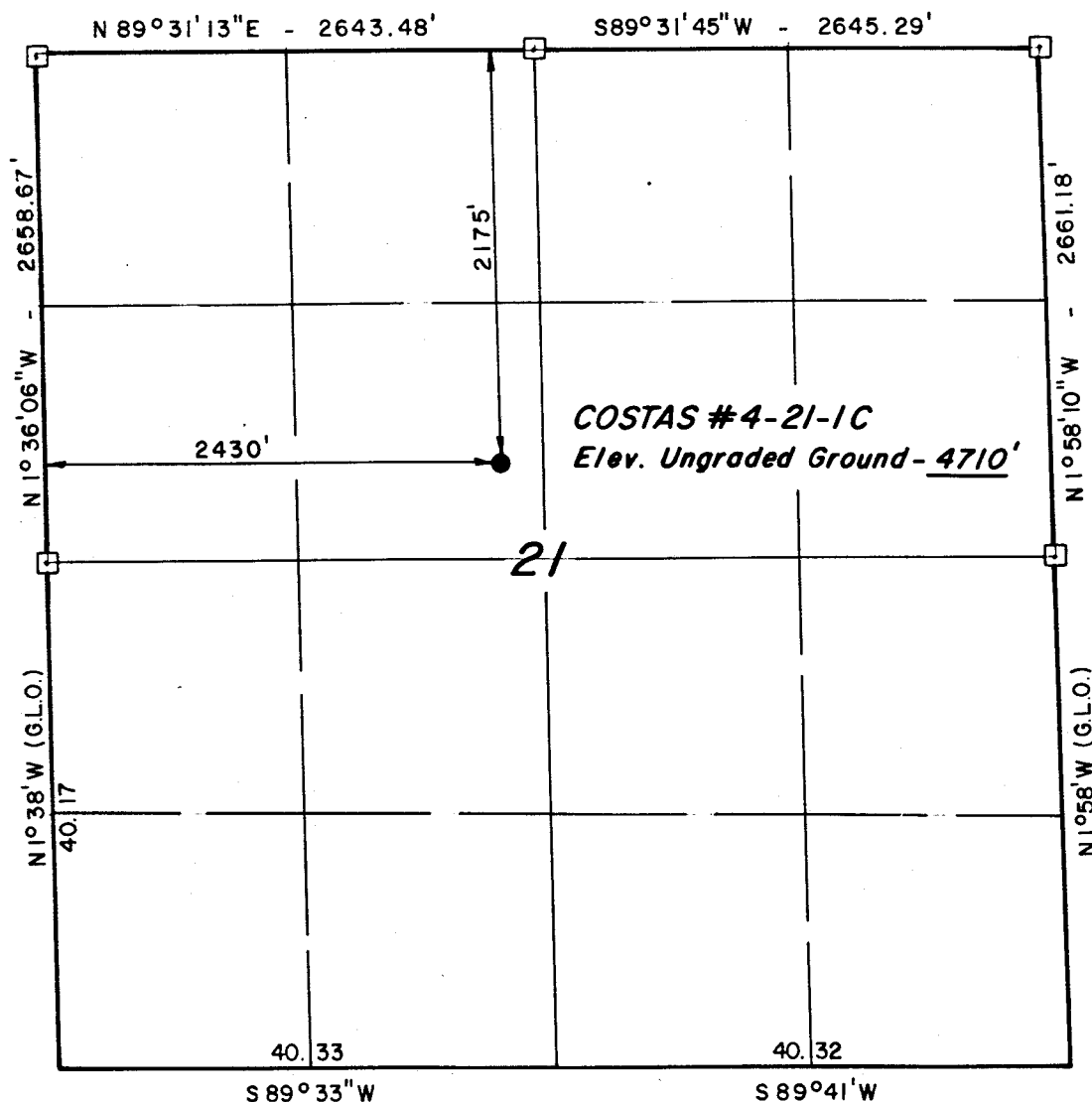
DATE \_\_\_\_\_

\*See Instructions on Reverse Side

T 8 S , R 2 I E , S.L.B. & M.

PROJECT  
CHEVRON U.S.A. INC.

Well location, *COSTAS #4-21-1C*,  
located as shown in the SE1/4NW1/4  
Section 21, T8S, R21E, S.L.B. & M.  
Uintah County, Utah.



□ = Section Corners Located

BASIS OF ELEVATION

SPOT ELEVATION AT THE NW CORNER OF SECTION 21, T 8 S,  
R 21 E, S.L.B. & M., TAKEN FROM THE OURAY SE 7.5 MINUTE  
TOPOGRAPHICAL QUADRANGLE MAP PUBLISHED BY THE U.S.  
DEPT. OF THE INTERIOR, GEOLOGICAL SURVEY IN 1964. SAID  
ELEVATION IS MARKED AS BEING 4710.

NOV 2 1987



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/21/87
PARTY	DA LDT RKP	REFERENCES	Section Breakdown
WEATHER	Fair	FILE	CHEVRON U.S.A.





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 1, 1987

Chevron U. S. A. Incorporated  
P. O. Box 599  
Denver, Colorado 80201

Gentlemen:

Re: Costas Federal 4-21-1C - SE NW Sec. 21, T. 8S, R. 21E  
2175' FNL, 2430' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2

Chevron U. S. A. Incorporated

Costas Federal 4-21-1C

December 1, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31826.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals

D. R. Nielson

8159T

UNITED STATES GOVERNMENT  
memorandum

DATE: December 3, 1987

REPLY TO  
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Concurrence for Permit to Drill Well

TO: District Manager, Bureau of Land Management

ROW H62-87-42 and H62-87-43, Chevron U.S.A. - Well #4-21-1C, SE1/4NW1/4, Township 8 South, Range 21 East, SLB&M, Uintah County, Utah; Well #5-21-2C, SE1/4NE1/4, Township 8 South, Range 21 East, SLB&M, Uintah County, Utah,

We (concur with ~~or, recommend~~) approval of the Application for Permit to Drill subject well.

Based on available information on November 12, 1987, we have cleared the proposed location in the following areas of environmental impact.

YES XX NO      Listed Threatened or Endangered Species

YES XX NO      Critical Wildlife Habitat

YES XX NO      Archaeological or Cultural Resources

YES XX NO      Air Quality Aspects (to be used only if project is in or adjacent to a class 1 area of attainment)

YES      NO      Other (if necessary)

REMARKS: All activities during drilling and after completion be confined to the right-of-way.

The necessary surface protection and rehabilitation requirements are as per approved APD.

*[Signature]*  
Superintendent

DEC 1987

3160-3  
(November 1983)  
(formerly 9-331C)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc., Room 1111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

2175' FNL, 2430' FWL (SE, NW)  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

±40 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,710' GL (Est.) 4,725' KB (Est.)

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	16"	65#	80'	To Surface
12 1/4"	9-5/8"	36#	500'	To Surface
8-3/4"	7"	23/26#	5,300'	To Surface

It is proposed to drill this development well to a depth of 5,300' to test the Green River formation.

Attachments: Certified Plat  
Drilling Program  
Chevron Class III BOPE  
Geologic Program  
Multipoint Surface Use Plan

Completion procedure to be submitted by Sundry Notice.

BHP 2,300 psi per letter 11/18/87

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. Watson TITLE Office Assistant DATE October 21, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY Assistant District Manager Minerals  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

12-8-87

DOGMA

ut 080-8m-08  
B2m

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other Instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc., Room 1111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

2175' 2430'  
1,975' FNL, 2,500' FWL (SE,NW)  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

±40 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,710' GL (Est.) 4,725' KB (Est.)

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	16"	65#		
12 1/4"	9-5/8"	36#		
8-3/4"	7"	23/26		

It is proposed to drill this develop  
River formation.

Attachments: Certified Plat  
Drilling Program  
Chevron Class III BOPE  
Geologic Program  
Multipoint Surface Use

Completion procedure to be submitted  
BHP 2,300 psi pe

NOTE Footage  
change

to test the Green

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*J. H. Hutton*

TITLE Office Assistant

DATE October 21, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*William H. Hutton*

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

12-8-87

CONDITIONS OF APPROVAL, IF ANY:

DOGMA

ut 080-8m-08

132m

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to tap to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐  
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.  
3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, Colorado 80201  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
2,175' FNL 2,430' FWL SE NW  
14. PERMIT NO. 43-047-31826  
15. ELEVATIONS (Show whether DF, RT, GR, etc.)

RECEIVED  
DEC 21 1987  
DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-0804

Drl. GRV

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

122815

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Costas Federal 4-21-1C

10. FIELD AND POOL, OR WILDCAT

Gypsum Hills Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 21, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

X

(Note: Report results of multiple completion or Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)

✓ Costas Federal 4-21-1C was spudded with Shelby Rig #11E at 3 A.M. M.S.T. 12-14-87.

3 - BLM  
3 - State  
1 - EEM  
1 - MKD  
3 - Drlg.  
1 - PLM  
1 - Sec. 724-C  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. L. Watson*

TITLE

Technical Assistant

DATE

December 17, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

121805

DIVISION OF OIL, GAS AND MINING

Drl.

SPUDDING INFORMATION

API #43-047-31826

NAME OF COMPANY: CHEVRON USA INCWELL NAME: COSTAS FEDERAL 4-21-1CSECTION SE NW 21 TOWNSHIP 8S RANGE 21E COUNTY UintahDRILLING CONTRACTOR ShelbyRIG # 11SPUDDED: DATE 12-14-87TIME 3:00 AMHOW RotaryDRILLING WILL COMMENCE REPORTED BY Doug WardTELEPHONE # 789-4023DATE 12-15-87 SIGNED SBH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0804

Dr. GEFU

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc., Room 11111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

2430 FWL 2175 FNL SE NW

14. PERMIT NO.

43-047-31826

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4724 KB

DIVISION OF  
OIL, GAS & MINING

JAN 07 1988

9. WELL NO.

Costas Federal 4-21-1C

10. FIELD AND POOL, OR WILDCAT

Gypsum Hills-Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 21, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Change plans

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Costas Federal 4-21-1C was drilled to a total depth of 5340' (40' past original intent). Received verbal concurrence to depth change per Allen McKee w/BLM 12-25-87.

3 - BLM  
3 - State  
1 - EEM  
1 - MKD  
3 - Drlg  
1 - PLM  
1 - Sec. 724-C  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. Wilson*

TITLE

Technical Assistant

DATE

12-29-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Costas Federal 4-21-1C

10. FIELD AND POOL, OR WILDCAT

Gypsum Hills-Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 21, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc., Room 11111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement.  
See also space 17 below.)  
At surface

2430 FWL 2175 FNL SE NW

14. PERMIT NO.

43-047-31826

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4724 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Change plans

(Other)

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Costas Federal 4-21-1C was drilled to a total depth of 5340' (40' past original intent). Received verbal concurrence to depth change per Allen McKee w/BLM 12-25-87.

3 - BLM  
3 - State  
1 - EEM  
1 - MKD  
3 - Drlg  
1 - PLM  
1 - Sec. 724-C  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

*J. A. Johnson*

TITLE

Technical Assistant

DATE 12-29-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other Instructions  
verse side)

Form approved,  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0804 Dr.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

011217

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

2,175' FNL

2,430' FWL

SE NW

14. PERMIT NO.

43-047-31826

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DIVISION OF  
OIL, GAS & MINING

9. WELL NO.

Costas Federal 4-21-1C

10. FIELD AND POOL, OR WILDCAT

Gypsum Hills Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 21, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

New Completion

PLUG OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

It is Proposed to Complete Costas Federal 4-21-1C as Follows:

1. MIRU WOCR, NU & test BOPE
2. CO to float collar @  $\pm$  5248'. Test casing to 2000 PSI.
3. Run CBL - CCL - GR f/PBTD to TOC. CMT squeeze if necessary.
4. Perforate 5147-70 (G-1) w/4 SPF. Correlate to WELEX MICROLOG 12-26-87 Run #1.
5. Acidize Perfs 5147-70. Swab back/test.
6. Sand Fracture stimulate G-1 Perfs based on swab results w/100,000 #16/30 sand in 20 quality CO<sub>2</sub> foam. Flow back.
7. CO to PBTD.
8. Run production equipment. N/D BOPE. N/U Wellhead.
9. RDMO. TWOTP.

3-BLM

3-State

1-EEM

1-MKD

3-Drlg 1-File

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 1-6-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1-12-88

BY: [Signature]

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

CHEVRON U.S.A. INC.

TRANSMITTAL OF DATA

DATE: 1-14-88

WELL: COSTAS FEO 4-21-1C

LOCATION: SE/NIA SEC 21-8S-21E  
UINTAH, UT.

SENT TO: UTAH DIVISION OF OIL, GAS & MINING  
3 TRIAD CENTER, STE 350  
SALT LAKE CITY, UT. 84180-1203

ATTENTION: RONALD J. FIRTH

DESCRIPTION:

QUANTITY:

<u>✓ DIGL</u>	<u>1</u>
<u>✓ MICROLOG</u>	<u>1</u>
<u>✓ SDL/DSN II</u>	<u>1</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u>✓ VC-DOGM</u>	<u> </u>
<u> </u>	<u> </u>

TOTAL 3 LOGS

**RECEIVED**  
JAN 19 1988  
DIVISION OF  
OIL, GAS & MINING

TRANSMITTAL OF DATA BY

Mary Chaverri  
MARJ CHAVERRI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ Other ☐

2. NAME OF OPERATOR  
Chevron U.S.A. Inc., Room 11111

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface 2175' FNL, 2430' FWL SE 1/4 NW 1/4

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-047-31826  
DATE ISSUED 12-1-87

15. DATE SPUDDED 12-14-87  
16. DATE T.D. REACHED 12-25-87  
17. DATE COMPL. (Ready to prod.) 2-4-88  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GR-4710 KB 4724  
19. ELEV. CASINGHEAD 4710

20. TOTAL DEPTH, MD & TVD 5340 MD  
21. PLUG, BACK T.D., MD & TVD 5237 MD  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS X  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5147-5170 (G-1)

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SP-GR; CNL-LDT-GR; ML-GR; CBL-VOL-CCL

SPECTRAL DENSITY DUAL SPACED

27. WAS WELL CORED  
Yes

28. CASING RECORD (Report all strings set in well) NEUTRON LOG.

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65	80'	24"	80 sx Redi-mix-To surface	N/A
9-5/8"	36	515	12-1/4"	300 sx - to surface	N/A
7"	23 & 26#	5338	8-3/4"	800 sx lead, 350 sx tail	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5160	BAC @ 5096

31. PERFORATION RECORD (Interval, size and number)

5147-70 (G-1) 4 SPF, 90° PH, w/4" csg guns  
correlated to Wellex ML-GR 12-26-87

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5147-70 (G-1)	Acid job: 1000 gal 15% HCl
	Frac job: 57,400# 16/30 sand in
	28,350 gal 2% gel KCl w/20 Q CO <sub>2</sub> foam

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-10-88		Rod pump 2-1/2" x 1-3/4" x 25' 3 tube - 168" stroke				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-10-88	15		→	38		126	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	61	64 MCFD	202	30	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

W. M. Sundland

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*J. H. Watson*

TITLE

Technical Assistant

DATE

3-23-88

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Uintah	Surface	2000'	No samples caught.			
	2000'	2108'	Interbedded Ss, Dol & Sh Ss, clt-lt gry, mod cons, occ fri, calc cmnt, vf-f gr, sbang, mod-occ p srt, tr dk brwn sp. p.p. oil stn i.p., no fluor, tr slo strmg yellgrn-blgrn cut. Dol, tan-lt yell brwn, frm, micxl, v arg, abn bri or min fluor, NSOC Sh, tan-lt gry brwn, frm, sbblky-sbply, dol, tr diss py			
Green River	2108'	2750'	Interbedded Ss and Shaley Dol Ss, clt-lt gry-wh, mod cons, occ fri, calc cmnt frm gr, occ lse c gr, sbang-sbrd, tr bmsp. p.p. oil stn, n fluor, slo strmg yellgrn-blgrn cut Shaley Dol, tan-crm-brwn, frm-sl hd, micxln, silty i.p., rare sandy i.p., occ diss py, occ dull or min fluor, occ black carb material w/n fluor but v slo strmg yell-yellgrn cut (2640-60: Much asphalt)			
	2750'	3540'	Shaley Dol A.A., occ. sp p.p. o stn w/dull yell fluor & mod-fsx strmg yellgrn cut			
	3540'	3860'	Interbedded Dol, Ss and Sh, rare Lst Dol, ltbrwn-gry, v frm-hrd, micr-crypalln, v. arg, NSOFC and tan-lt gry brwn, v frm-slhrd, micxln w/occ suc tex, mod-v. arg, occ chrt, occ sndy, vis intxl-vuggy p.p. por., occ brwn spty p.p. o stn, sm dull yell fluor, sm fst strmg bri yell-grn cut, tr free oil			
			Ss, lt gry-clr, v w cons, sil cmnt, sl calc, vf-f gr, occ tr clay in mtix, sb ang, w srt, tr dk brwn p.p. o stn, occ. dull yell fluor, occ mod-fst strmg yellgrn cut Sh, dk brwn, v frm, occ sl hrd, sbblky-sb ply, abun micxl's dol, occ blk lam w/fnt yell fluor & slo strmg yellgrn-blgrn cut Lst, tan-brwn, micxln, v arg, no vis o stn, sme dull yell even fluor & slo strmg mod-fnt yellgrn cut			

<u>FORMATION</u>	<u>TO</u>	<u>BOTTOM</u>	<u>DESCRIPTION, CONTENTS, ETC.</u>
Green River (Cont.)	3860'	4210'	Interbedded Dol, Sh, occ-slst and Ss Dol, tan-brwn, v frm, micxl, occ sndy & slty, tr diss py, mod-v arg, no vis o stn, dull yell fluor, tr slo mlky fnt yellgrn-blgrn cut Sh, dk brwn, v frm-slhrd, sbblky-sbplty, tr diss py, doloic i.p., tr to mod dull yell even fluor, tr to abnt slo strmg mlky yell cut Ss AA Slst, gry, frm, sbblcky, tr diss py, mod-sl calc NSOFC
	4210'	5137'	Interbedded Ss, Dol, Slst and Sh Ss, lt gry-gry brwn, w-mod cons, calc cmnt, arg mtrx, vf-f gr, sb ang mod srt, tr py, NSOFC <u>AND</u> lt gry-crm-clr, mod-w cons, calc cmnt f-vf gr, w srt, tr brwn sptty p.p. o stn, occ dull yell fluor, occ slo to mod strng yellgrn-blgrn cut Dol, tan-brwn, fim-hrd, micr-cryp1ln, mod arg, tr ch n to sme ostracods, tr sptty brwn o stn, occ sptty yell fluor, slo to mod strmg yell-grn cut Slst, lt-dk gry, arg, NSOFC Sh, brwn-gry-grybwn, sft-frm, sbplty to sbblcky, tr diss py, tr astracods i.p., sl-mod calc
	5137'	5167'	Cored interval - see attached
	5167'	5340'	Interbedded Ss, Sh and minor Dol & Lst Ss, trns1, lt brwn, mod-w cons, occ fri, vf-f gr, sbang-sbrd, w-mod srt, sme lt brwn even o stn, abn bri yell een fluor, fst strmg bri blgrn cut Sh, A.A. Dol, A.A. Lst, tan-brwn, hd, micrx1ln, sl arg, sme ostracods, occ brwn ptty o stn, sme dull yell-yell or even fluor, sme mod strmg yellgrn cut

# Chevron U.S.A. Inc.

## GRAPHIC CORE LOG

Company <u>CHEVRON</u>	Well <u>COSTAS FEDERAL #4-21-1C</u>	Field <u>GYPSUM HILLS</u>
Location <u>SE NW</u> Sec <u>21</u> Twp <u>8 S</u> Rge <u>21 E</u> County <u>UINTAH</u>		
Core No. <u>1</u> From <u>5137'</u> To <u>5170'</u> Recovered <u>100%</u> State <u>UTAH</u>		
Formation <u>GREEN RIVER</u> NOTE: GEOLOGRAPH FTG 5137'-5167'	Date <u>12/25/87</u>	

### LITHOLOGIC DESCRIPTION

DEPTH	CORING TIME MINUTES PER FOOT	
5137'		
5138	21	SH, gy-dk gy, sl frm-sft, sbplty, tr blk carb incl, sl calc
5139	16	
5140	13	SH, gybrn, sl frm-sft, sbplty-sbblky, sl calc
5141	18	
5142	13	SH, gybrn, sl frm-sft, sbplty-sbblky, tr blk carb incl, tr mica, sl calc
5143	17	
5144	12	
5145	16	
5146	11	SH, gybrn-gy, sl frm-sft, sbblky-sbplty, tr blk lam incl, tr mica, sl calc
5147	5.0	SH, gy, sl frm, sbplty, carb, mod calc, tr mica
5148	2.5	LS, tan-brn-gybrn, v frm, crp occ micxl mtx, n-sl arg, abnt Ost, sme g vis intost vug Ø, sme vugs w/ calc xls, tr p vis intxl Ø, abnt brn-tan even o stn, tr o fl vugs, abnt bri yel-yelgn even flor, abnt fst stmg bri blgn cut, bri yelgn resd rng, strng od
5149	2.5	
5150	2.0	LS, tan-brn, v frm, crp-micxl mtx, n-sl arg, abnt gy Ost, occ g vis intost vug Ø, abnt brn-tan even o stn, tr o fl vugs, abnt bri yel-yelgn even flor, abnt fst-mod stmg bri blgn cut
5151	2.8	
5152	2.0	LS, tan-brn, v frm-sl hd, crp occ micxl mtx, n-sl arg, abnt Ost, sme g vis intost vug & mold Ø, tr p vis intxl Ø, abnt lt brn even o stn, abnt bri yel-yelgld even flor, abnt fst stmg bri blgn cut
5153	3.0	
5154	2.2	LS, tan-brn, v frm, crp-micxl mtx, n-sl arg, abnt Ost, sme g vis mold Ø, occ g vis intost vug Ø, abnt lt brn even o stn, abnt bri yel-yelgn even flor w/ fst stmg bri blgn cut
5155	3.0	
5156	2.0	LS, tan-gybrn-brn, sl hd, pred crpxl mtx, n-sl arg, abnt Ost, sme g vis intost vug & mold Ø, abnt lt brn even o stn, abnt yel-yelgn even flor, fst stmg bri blgn cut
5157		

Driller: SHELBY RIG #11, CORE LAB Cutter Head, Kind and Size CHRISTENSEN C-23 8 22/32"

Core Description By BRIAN X. WALSH, GEO, INC.

# Chevron U.S.A. Inc.

## GRAPHIC CORE LOG

Company CHEVRON Well COSTAS FEDERAL #4-21-1C Field GYPSUM HILLS  
 Location SE SW Sec. 21 Twp. 8 S Rge. 21 E County UINTAH  
 Core No. 1 From 5137' To 5170' Recovered 100% State UTAH  
 Formation \_\_\_\_\_ NOTE: GEOLOGRAPH FTG 5137'-5167' Date 12/25/87

DEPTH  
5157'

CORING TIME  
MINUTES PER FOOT

### LITHOLOGIC DESCRIPTION

5157'		
	2.2	
5158		LS, tan-gybrn, sl hd, crp-micxl mtx, n-sl arg, abnt Ost, occ g vis intost vug $\phi$ , sme vugs w/ calc xls, tr g vis intxl $\phi$ , abnt lt brn-brn even o stn, abnt bri yel-yelgn even flor, fst stmg bri blgn cut
	1.9	
5159		
	2.5	
5160		
	1.9	
5161		LS, tan-brn-gybrn, sl hd, crp-micxl mtx, n-sl arg, abnt Ost, sme g vis intost vug $\phi$ , abnt brn-lt brn even o stn, abnt bri yel-yelgn even flor, fst stmg bri blgn cut
	2.5	
5162		
	2.0	
5163		LS, tan-brn, sl hd-v frm, pred crpxl mtx, n-sl arg, abnt Ost, sme g vis intost vug $\phi$ , occ Ost mold $\phi$ , abnt brn-lt brn even o stn, abnt bri yel-yelgn flor $\phi$ fst-mod stmg bri blgn cut
	4.0	
5164		LS, tan-brn, v frm-sl hd, crp occ micxl mtx, n-sl arg, abnt Ost, sme g vis intost vug $\phi$ , occ vugs w/ calc xls, tr p-fr vis intxl $\phi$ , abnt lt brn even o stn, abnt bri yel-yelgn even flor, fst stmg bri blgn cut
	3.2	
5165		LS, tan-gybrn, v frm-sl hd, pred crpxl mtx, n-sl arg, abnt Ost, Ost occ w rd-irreg mot tan-gy, sme g vis intost vug & mold $\phi$ , n vis intxl $\phi$ , abnt brn-lt brn even o stn, abnt bri yel-yelgn even flor, fst stmg bri blgn cut
5166	CONN	
	19	
5167		LS, tan-gybrn, hd, crp occ micxl mtx, sl-n arg, abnt Ost, occ g vis intost vug, tr mold $\phi$ , tr p vis intxl $\phi$ , abnt brn-lt brn even o stn, abnt bri yel-yelgn even flor w/ fst stmg bri blgn cut
5168		LS, tan-gybrn, hd, brit, crp occ micxl mtx, abnt Ost, occ g vis intost vug $\phi$ , tr fr vis intxl $\phi$ , abnt lt brn even o stn, tr dk brn intfrac o, abnt bri yel-yelgn even flor w/ fst-mod stmg bri blgn cut
5169		LS, gybrn-tan-brn, hd, brit, crpxl mtx, n-sl arg, abnt Ost, occ g vis intost vug $\phi$ occ w/ calc xls, n vis intxl $\phi$ , abnt lt brn even o stn, abnt bri yel-yelgn even flor, abnt fst-mod stmg bri blgn cut
5170		

NOTE: All samples have strong hydrocarbon odor and leave bright yellow green residual ring cut.  
 Core incorrectly marked by core labs. Recovered 30' of core:  
 5137-67.

Driller: SHELBY RIG #11, CORE LAB Cutter Head, Kind and Size CHRISTENSEN C-23 8 22/32"

Core Description By BRIAN X. WALSH, GEO, INC.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED  
MAR 26 1990

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.

P. O. Box 599, Denver, CO 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 21, T8S, R21E/2,175' FNL & 2,430' FWL (SE/4, NW/4)

5. Lease Designation and Serial No.

U-0804

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

Gypsum Hills

8. Well Name and No.

Costas Federal 4-21-1C

9. API Well No.

43-047-31826

10. Field and Pool, or Exploratory Area

Gypsum Hills - Green

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to workover the subject well as follows:

1. MIRU. Hot oil tbg. & rods. POOH w/rods & pmp.
2. ND wh eq.. NU & tst. BOPE. POOH w/prod. tbg.
3. C/o to PBTD @ 5,237' w/bit & scraper.
4. TIH w/RBP & pkr. Isolate & repair casing leaks as needed.
5. Acid wsh. tbg. w/400 gals. 15% HCL.
6. Acdz. G-1 perfs 5,147'-70' w/7,000 gals. FE acid w/additives. Swab back load. Tst. for FER & cut.
7. Pmp. scale inhibitor sqz.
8. POOH w/tools.
9. RIH w/prod. tbg.
10. ND BOPE. Set TAC. NU wh eq.
11. RIH w/pmp. & rods. Tst. pmp.
12. RDMOL/TWOTP.

3-BLM  
3-State  
1-EEM  
1-RBN  
2-Drlg.  
1-JLW

OIL AND GAS

DRN	RJF
1-JRB	GLH
DTS	SLS

2-TAS

3-1 MICROFILM

14. I hereby certify that the foregoing is true and correct

Signed

*J. H. Wilson*

Title

Technical Assistant

Date

3/20/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

Federal approval of this action  
is required before commencing  
operations

Title

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires September 30 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED  
APR 20 1990

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.

P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

S. 21, T8S, R21E/2, 175' FNL & 2,430' FWL SE 1/4 NW 1/4

5. Lease Designation and Serial No.

U-0804

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

Gypsum Hills

8. Well Name and No.

Costa Federal 4-21-1C

9. API Well No.

43-047-31826

10. Field and Pool or Exploratory Area

Gypsum Hills-Green River

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

c/o, Tst csq, Acidize

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Subject well was worked over as follows:

1. MIRU GUDAC WSU 4/2/90. Unseat pump. Hot oil rods & tbq.
2. POOH w/rods & pump. ND WH. NU & Tst BOPE.
3. POOH w/ production tbq.
4. RIH w/ bit & scraper and clean out to PBTD @ 5237'.
5. RIH w/ RBP & pkr & Tst sub on Tbq. Set RBP @ 20'. Tst Tbq Hd to 500 psi. ok. Set RBP @ 5120'. P-tstd Csq to 500 psi.-Held ok. Tst Tbq & Tools to 1500 psi - Held.
6. Acid washed tbq w/400 gals 15% HCL. Reversed out Acid. Acidized G-1 formation 5147-5170' w/ 7,000 gals 15% Fe Acid. Swabbed perfs.
7. Pump scale inhibitor sqz thru perfs.
8. POOH w/ RBP & pkr RIH w/ production tbq. LND tbq.
9. ND BOPE. Set TAC. NU WH.
10. RIH w/pump & rods.
11. RD GUDAC WSU 4/5/90. TWOTP.

3- BLM

3-State

1-EEM

1-RBN

2-DRLG

1-PLM

1-Sec. 724C

1-Sec. 724R

1-JLWOIL AND GAS

DDM

JED

DDM

DDM

DDM

DDM

DDM

DDM

DDM

DDM

DDM

DDM

DDM

14. I hereby certify that the foregoing is true and correct

Signed

J. L. Watson

Title Technical Assistant

Date 4/16/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

1-TAS

2-MICROFILM

3-

4-

5-

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-0804

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.

P.O. Box 599, Denver, CO 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 21, T8S, R21E

8. Well Name and No.

Costas Fed. #4-21-1C

9. API Well No.

43-047-31826. *SOW*

10. Field and Pool, or Exploratory Area

Gypsum Hills

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Shut-in

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well has been shut-in due to problems downhole. It will be returned to production when needed repairs are completed.

RECEIVED  
FEB 07 1991  
DIVISION OF  
OIL, GAS & MINING

3-BLM  
3-State  
1-BES  
1-Well File  
1-ELD  
1-JLW

14. I hereby certify that the foregoing is true and correct

Signed

*J. B. Watson*

Title

Technical Assistant

Date 1/31/91

(This space for Federal or State office use)

Approved by

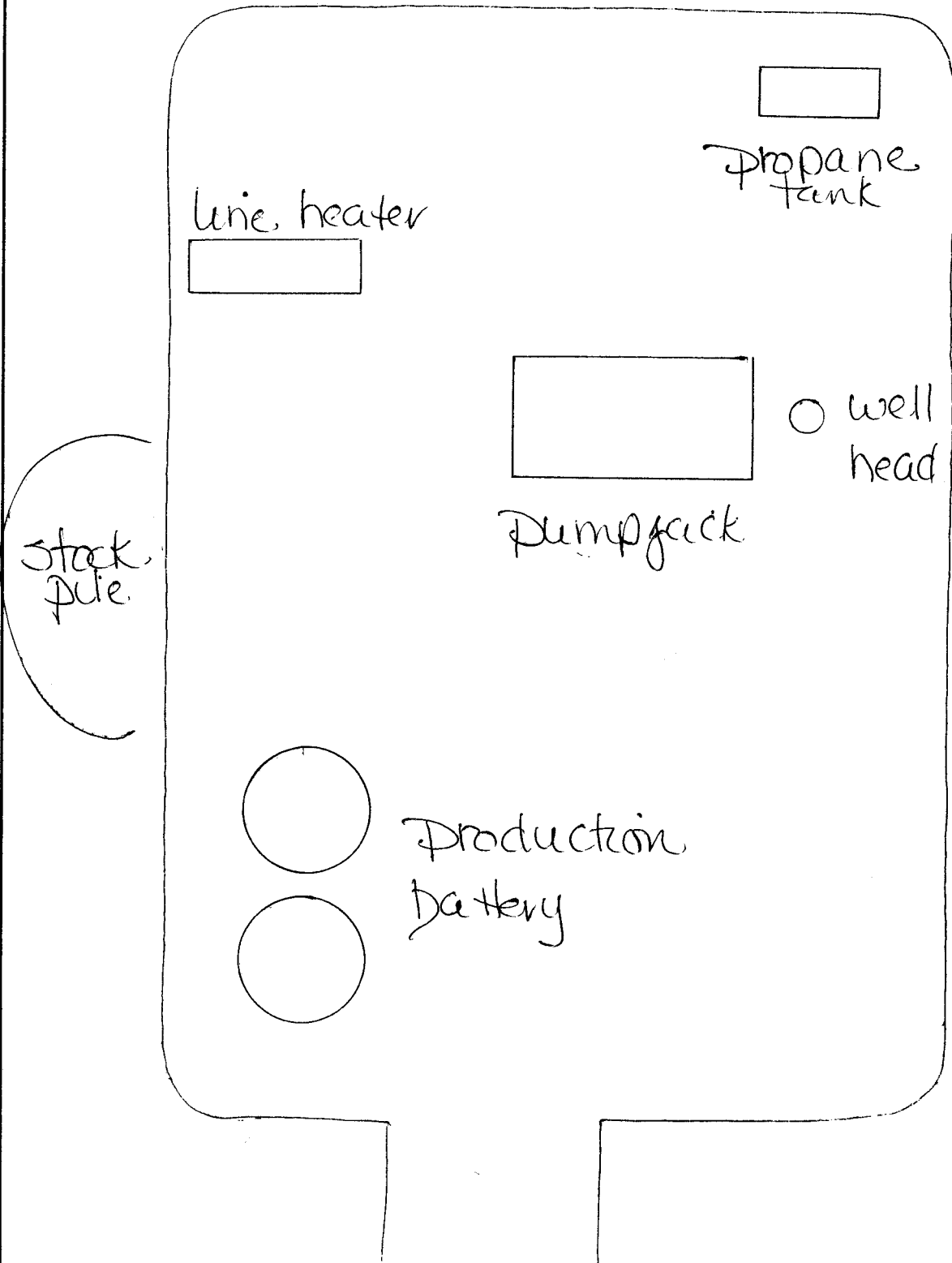
Conditions of approval, if any:

Title

Date

31820

Postus Id 4-21-1C Sec 21, T88, R21E Publy 4/18/89



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other Gypsum Hills off-lease metering

2. Name of Operator  
Chevron U.S.A. Inc.

3. Address and Telephone No.  
PO Box 599, Denver, CO 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW $\frac{1}{4}$  SE $\frac{1}{4}$   
Sec. 16, T8S, R21E

5. Lease Designation and Serial No.

U-0807

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Battery 6

9. API Well No.

10. Field and Pool, or Exploratory Area

Wonsits Valley

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Metering

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Propose to install a single meter to be located inside the Battery 6 separator building to meter all Gypsum Hills gas at a central location and eliminate operational problems associated with gas meters located outside buildings during winter months.

Currently, gas is metered individually at Stagecoach 23-21, Costas 4-21-1C, and Costas 5-21-2C. Gas is metered collectively from Costas 1-20-4B, Costas 2-20-3B, Costas 3-21-1D, Gypsum Hills #3, Gypsum Hills #4, Gypsum Hills #6 and the Whiton Federal by a single meter located at Gypsum Hills #3. The gas goes to Wonsits Valley Battery 6 for compression, processing and distribution as Wonsits Valley fuel gas.

RECEIVED

MAY 08 1991

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

3-BLM  
3-State  
1-JRB  
1-BES  
1-Cent. File  
1-JLW

DIVISION OF

DATE: 5-17-91

OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed *J. A. Watson*

Title Technical Assistant

Date 4-30-91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

DOGM 56-64-2  
an equal opportunity employer

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

Page 1 of 23

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
RANGE CREEK FED #1					
4301530113 00480 18S 16E 6	CDMTN				
GYPSUM HILLS 4					
4304730028 05250 08S 21E 19	GRRV				
GYPSUM HILLS 6					
4304730099 05251 08S 21E 20	GRRV				
BRENNAN FED 1					
4304715417 05260 07S 20E 13	GR-WS				
BRENNAN FED 6					
4304730109 05261 07S 21E 19	GRRV				
WVU #4					
4304715435 05265 08S 22E 7	GRRV				
WVU #11					
4304715442 05265 08S 21E 12	GRRV				
WVU #14					
4304715445 05265 08S 21E 12	GRRV				
WVU #15					
4304715446 05265 08S 21E 12	GRRV				
WVU #18					
4304715449 05265 08S 21E 14	GRRV				
WVU #19					
4304715450 05265 08S 22E 18	GRRV				
WVU #24					
4304715454 05265 08S 21E 1	GRRV				
WVU #34					
4304715462 05265 08S 21E 11	GRRV				
TOTAL					

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 7 of 23

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
GULF BRENNAN FED 8							
4304731509 05290 07S 21E 17			GRRV				
COSTAS FED 1-20-4B							
4304731006 05310 08S 21E 20			GRRV				
COSTAS FEDERAL #3-21-1D							
4304731604 05314 08S 21E 21			GRRV				
COSTAS FED 2-20-3B							
4304731066 05315 08S 21E 20			GRRV				
GYPSUM HILLS 3							
4304720002 05355 08S 21E 20			GRRV				
KAYE STATE 1-16							
4304730609 05395 10S 23E 16			WSMVD				
UTA FED 1							
4304730879 05420 07S 21E 34			WSTC				
MORGAN ST 1-36							
4304730600 05445 09S 21E 36			WSTC				
WHITON FED 1-19-3C							
4304731065 05660 08S 21E 19			GRRV				
RWU 1 (41-26B)							
4304715135 05670 07S 23E 26			GRRV				
RWU 3 (34-23B)							
4304715136 05670 07S 23E 23			GRRV				
RWU 4 (41-22B)							
4304715137 05670 07S 23E 22			GRRV				
RWU 5 (41-23B)							
4304715138 05670 07S 23E 23			GRRV				
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

DOGM 56-64-2  
an equal opportunity employer

Page 23 of 23

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
RED WASH UNIT 302 (22-24B)							
4304731683 05670 07S 23E 24			GRRV				
RED WASH UNIT 303 (34-17B)							
4304731819 05670 07S 23E 17			GRRV				
RWU 219 (44-21C)							
4304730149 05671 07S 24E 21			MVRD				
RWU 250 (41-29C)							
4304730391 05671 07S 24E 29			MVRD				
UTAH STATE 1							
4304715128 05878 07S 24E 36			WSTC				
NORRIS FEDERAL #1							
4301530014 10160 18S 16E 8			DK-CM				
ENNAN FED 3							
4304715419 10750 07S 21E 17			GRRV				
CDSTAS FEDERAL #4-21-1C							
4304731826 10826 08S 21E 21			GRRV				
CDSTAS FEDERAL #5-21-2C							
4304731827 10831 08S 21E 21			GRRV				
WVU #118							
4304730596 10890 08S 21E 13			WSMVD				
STAGE COACH 23-21							
4304731541 10005 8S 21E 21			GRRV				
TOTAL							

\* 900613 Oper. from Enron to Chevron eff. 4-18-90.

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

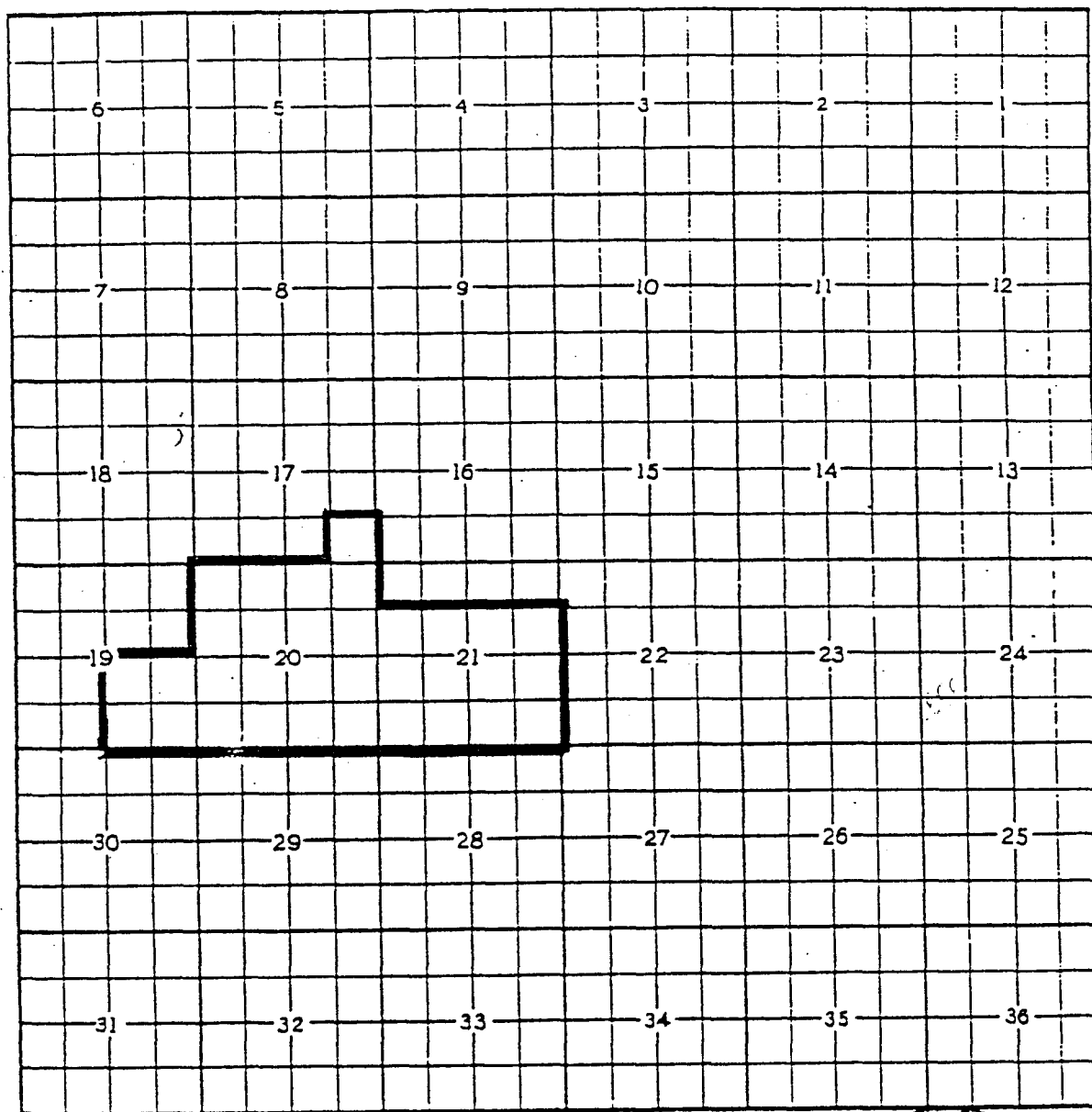
Authorized signature

Telephone



# GYPSUM HILLS (GREEN RIVER) UNIT

Uintah County, Utah



8S

21E

RECEIVED

APR 24 1961

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator  
Chevron U.S.A. Inc.

3. Address and Telephone No.  
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2175' FNL, 2430' FWL, SEC. 21-T8S-R21E

5. Lease Designation and Serial No.  
U-0804

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Gypsum Hills

8. Well Name and No.  
Costas Fed. 4-21-1C

9. API Well No.  
43-047-31826

10. Field and Pool, or Exploratory Area  
Gypsum Hills-Grn. River

11. County or Parish, State  
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Acid Fracturing	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The following work was completed between 02/22-02/26/93.

1. TOH with production equipment and cleaned out to 5237' PBTD.
2. TIH and set packer at 5060'. Successfully tested casing to 300 PSI.
3. RU Halliburton and acid fractured well with 15,500 gals. of 28% HCL.
4. Flow/swab test well.
5. Run production equipment and RTP.

RECEIVED

MAR 15 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Dana Rugh*

Title

*Oper. Assistant*

Date

03/11/93

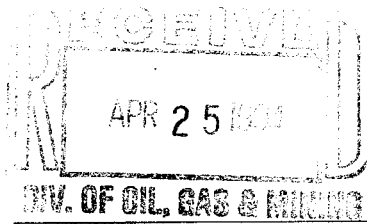
(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:



Memorandum GO-144

To Lisha  
From Susanne Paelebor (510) 827-7393

4-19 19 94

Subject: State Entity Number for UnitOur File: #940425 Updated: *fe*

Your File:

Enclosed is a list of wells that are included in the unitized 'Gypsum Hills Unit.' I believe I've highlighted all the leases involved, with exception of API well #4304731932 which was not on the list.

I'd prefer entity #5355, but if it will work. Also we have it in our system as Gypsum Hills Field.

Please let me know when this is complete. I have informed the person who prepares the production/distribution reports of the forthcoming changes.

Call me if you have any questions.  
Thank you!

*Susanne*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 22 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
CHEVRON USA INC  
PO BOX J SEC 975  
CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
RWU 219 (44-21C)								
4304730149	05671	07S 24E 21	GRRV					
RWU 250 (41-29C)								
4304730391	05671	07S 24E 29	MVRD					
UTAH STATE 1								
4304715128	05878	07S 24E 36	GRRV					
STAGECOACH FEDERAL 23-21								
4304731541	10005	08S 21E 21	GRRV					
BRENNAN FED 3								
4304715419	10750	07S 21E 17	GRRV					
COSTAS FEDERAL 4-21-1C								
4304731826	10826	08S 21E 21	GRRV					
COSTAS FEDERAL #5-21-2C								
4304731827	10831	08S 21E 21	GRRV					
WVU 118								
4304730596	10890	08S 21E 13	WSMVD					
GYPSUM HILLS 9								
4304732304	11467	08S 21E 20	GRRV					
Gypsum Hills 10								
4304732306	11469	08S 21E 21	DPL					
BRENNAN FED 3-21-1D								
4304731604	5358	8S 21E 21	GRRV	W/W				
4304731932	5355	8S 21E 20	GRRV	W/W				
TOTALS								

COMMENTS: \_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 6 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
CHEVRON USA INC  
PO BOX J SEC 975  
CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COSTAS FED 1-20-4B								
4304731006	05310	08S 21E 20	GRRV					
COSTAS FED 2-20-3B								
4304731086	05315	08S 21E 20	GRRV					
GYPSUM HILLS 3								
4304720002	05355	08S 21E 20	GRRV					
KAYE STATE 1-16								
4304730609	05395	10S 23E 16	WSMVD					
LEOTA FED 1								
4304730879	05420	07S 21E 34	WSTC					
MORGAN ST 1-36								
4304730600	05445	09S 21E 36	WSTC					
WHITON FED 1-19-3C								
4304731055	05660	08S 21E 19	GRRV					
RWU 1 (41-26B)								
4304715135	05670	07S 23E 26	GRRV					
RWU 3 (34-23B)								
4304715136	05670	07S 23E 23	GRRV					
RWU 4 (41-22B)								
4304715137	05670	07S 23E 22	GRRV					
RWU 5 (41-23B)								
4304715138	05670	07S 23E 23	GRRV					
RWU 8 (32-22B)								
4304715139	05670	07S 23E 22	GRRV					
RWU 9 (43-23B)								
4304715140	05670	07S 23E 23	GRRV					
TOTALS								

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 1 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
CHEVRON USA INC  
PO BOX J SEC 975  
CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name						Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location							OIL(BBL)	GAS(MCF)	WATER(BBL)
RANGE CREEK FED #1						CDMTN					
4301530113	00480	18S	16E	6							
STAGECOACH U 10-23						GRRV					
4304720163	04925	08S	21E	23							
GYPSUM HILLS 4						GRRV					
4304730028	05250	08S	21E	19							
GYPSUM HILLS 6						GRRV					
4304730099	05251	08S	21E	20							
BRENNAN FED 1						GR-WS					
4304715417	05260	07S	20E	13							
BRENNAN FED 6						GRRV					
4304730109	05261	07S	21E	19							
WVU 6						GRRV					
4304715437	05265	08S	22E	7							
WVU 14						GRRV					
4304715445	05265	08S	21E	12							
WVU 24						GRRV					
4304715454	05265	08S	21E	1							
WVU 34						GRRV					
4304715462	05265	08S	21E	11							
WVU 35						GRRV					
4304715463	05265	08S	21E	14							
WVU 39						GRRV					
4304715467	05265	08S	21E	11							
WVU 42						GRRV					
4304715470	05265	08S	21E	11							
TOTALS											

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
☐ Well ☐ Well ☒ Other MULTIPLE WELLS LIST ATTACHED

2. Name of Operator  
CHEVRON U.S.A. INC.

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
GYPSUM HILLS UNIT  
UTU 67951A

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area  
Gypsum Hills Unit

11. County or Parish, State  
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. Inc. resigns as Operator of the Gypsum Hills Unit.  
The Unit number is UTU 76951A effective April 1, 1991.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: Mitchell L. Solich  
Mitchell L. Solich  
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker Title Assistant Secretary Date 12/29/1999

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Gypsum Hills (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

**Division of Oil, Gas & Mining**

Minerals Adjudication Group U-932

File - Gypsum Hills (Green River) Unit (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron

Fluid Chron


UT931:TAThompson:tt:2/4/00



Well	Lease	API Number	Status	Type
COSTAS FEDERAL 1-20-4B	U-0140740	43-047-31006	A	INJ
COSTAS FEDERAL 2-20-3B	U-0140740	43-047-31066	A	INJ
COSTAS FEDERAL 3-21-1D	U-0804	43-047-31604	A	INJ
GYPSUM HILLS UNIT 10	U-025960	43-047-32306	A	INJ
GYPSUM HILLS UNIT 15	U-0140740	43-047-32648	A	INJ
GYPSUM HILLS UNIT 17	U-0140740	43-047-32649	A	INJ
GYPSUM HILLS UNIT 3	U-0140740	43-047-20002	A	INJ
GYPSUM HILLS UNIT 6	U-0140740	43-047-30099	A	INJ
GYPSUM HILLS UNIT 8-1 (SRU)	U-0140740	43-047-31932	A	INJ
GYPSUM HILLS UNIT 12	U-0140740	43-047-32458	A	INJ
COSTAS FEDERAL 4-21-1C	U-0804	43-047-31826	A	OIL
COSTAS FEDERAL 5-21-2C	U-0804	43-047-31827	A	OIL
GYPSUM HILLS 16	U-0140740	43-047-32675	A	OIL
GYPSUM HILLS UNIT 18	U-014740	43-047-32650	A	OIL
GYPSUM HILLS UNIT 4	U-0140740	43-047-30028	A	OIL
GYPSUM HILLS UNIT 9	U-0140740	43-047-32304	A	OIL
GYPSUM HILLS UNIT 11	U-0140740	43-047-32459	A	OIL
GYPSUM HILLS UNIT 13	U-0140740	43-047-32460	A	OIL
GYPSUM HILLS UNIT 14	U-0140740	43-047-32647	A	OIL
GYPSUM HILLS UNIT 19	U-0140740	43-047-32651	A	OIL
GYPSUM HILLS UNIT 20	U-0140740	43-047-32652	A	OIL
WHITON-FEDERAL 1-19-3C	U-0140740	43-047-31065	A	OIL
STAGECOACH 23-21	U-025960	43-047-31541	A	OIL
GYPSUM HILLS UNIT 21	U-0933	43-047-32692	A	GAS
GYPSUM HILLS 22 WG	U-0804	43-047-32818	A	GAS

## OPERATOR CHANGE WORKSHEET

## ROUTING

	4-KAS ✓
2. CDW ✓	5- <del>CDW</del> ✓
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01/01/2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

WELL(S) NAME	CA No.	Unit:	GYPSUM HILLS			
	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
GYPSUM HILLS UNIT 4	43-047-30028	5355	19	08S	21E	FEDERAL
WHITON FEDERAL 1-19-3C	43-047-31065	5355	19	08S	21E	FEDERAL
GYPSUM HILLS 16	43-047-32675	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 18	43-047-32650	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 9	43-047-32304	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 11	43-047-32459	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 14	43-047-32647	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 19	43-047-32651	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 20	43-047-32652	5355	20	08S	21E	FEDERAL
COSTAS FEDERAL 4-21-1C	<del>43-047-31826</del>	5355	<del>21</del>	<del>08S</del>	<del>21E</del>	FEDERAL
COSTAS FEDERAL 5-21-2C	43-047-31827	5355	21	08S	21E	FEDERAL
STAGECOACH 23-21	43-047-31541	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 21	43-047-32692	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 22 WG	43-047-32818	5355	22	08S	21E	FEDERAL

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/15/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/16/2000

---

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/16/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/16/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

---

#### STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: \_\_\_\_\_

---

#### FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

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#### FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

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#### FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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#### COMMENTS:

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Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposalsFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

U-0804

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

7. If Unit or CA Agreement, Name and No.

UTU67951A

8. Lease Name and Well No.

COSTAS FEDERAL 4-21-1C

9. API Well No.

4304731826

1. Type of Well:

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **SHENANDOAH ENERGY INC**  
**CONTACT: J.T. CONLEY DIVISION MANAGER**  
**EMAIL: jconlev@shenandoahenergy.com**3a. Address **11002 EAST 17500 SOUTH**  
**VERNAL, UT 84078**3b. Phone No. (include area code)  
**TEL: 435.781.4300 EXT: 301**  
**FAX: 435.781.4329**

10. Field and Pool, or Exploratory

GYPSUM HILLS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 21 T8S R21E SENW 2175FNL 2430FWL

11. County or Parish, State

UINTAH, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give the subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Stimulation Workover performed from 05/24/2000 to 05/31/2000

POOH with rods and tubing

RIH with packer and test OK

Acid frac the G1 Lime zone with 25,000 gals 28% SGA acid

Swab back load water, POOH with packer

RIH with tubing and rods and return well to production

Name (Printed/Typed)

J.T. CONLEY

Title

DISTRICT MANAGER

Signature

J.T. Conley

Date

01-06-2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**ELECTRONIC SUBMISSION #2273 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR SHENANDOAH ENERGY INC SENT TO THE VERNAL FIELD OFFICE**



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Gypsum Hills (Green River) Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Gypsum Hills (Green River) Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – Gypsum Hills (Green River) Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

**Attention: John Baza/Jim Thompson**

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P	
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P	
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P	
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P	
COSTAS FED 1-20-4B	20	080S	210E	4304731006	5355	Federal	WI	A	
COSTAS FED 2-20-3B	20	080S	210E	4304731066	5355	Federal	WI	A	
COSTAS FED 3-21-1D	21	080S	210E	4304731604	5355	Federal	WI	A	
GYPSUM HILLS 10	21	080S	210E	4304732306	5355	Federal	WI	A	
GYPSUM HILLS 12	19	080S	210E	4304732458	5355	Federal	WI	A	
GYPSUM HILLS 15	20	080S	210E	4304732648	5355	Federal	WI	A	
GYPSUM HILLS 17	20	080S	210E	4304732649	5355	Federal	WI	A	
GYPSUM HILLS 3	20	080S	210E	4304720002	5355	Federal	WI	A	
GYPSUM HILLS 6	20	080S	210E	4304730099	5251	Federal	WI	A	
SRU 8-I	20	080S	210E	4304731932	5355	Federal	WI	A	

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFO



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**2/1/2003**

<b>FROM: (Old Operator):</b> N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	<b>TO: ( New Operator):</b> N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341
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CA No.

Unit: GYPSUM HILLS (GREEN RIVER)

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P	
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P	
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P	
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P	
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P	
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P	
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.				Unit:		GYPSUM HILLS UNIT		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GYPSUM HILLS 3	GH 3	NENE	20	080S	210E	4304720002	5355	Federal	WI	A
GYPSUM HILLS 4	GH 4	SWSE	19	080S	210E	4304730028	5355	Federal	OW	P
GYPSUM HILLS 6	GH 6	NENW	20	080S	210E	4304730099	5251	Federal	WI	A
COSTAS FED 1-20-4B	GH 1-20	NESW	20	080S	210E	4304731006	5355	Federal	WI	A
WHITON FED 1-19-3C	GH 1-19	SESE	19	080S	210E	4304731065	5355	Federal	OW	P
COSTAS FED 2-20-3B	GH 2-20	NESE	20	080S	210E	4304731066	5355	Federal	WI	A
STAGECOACH FED 23-21	GH 23-21	NWSW	21	080S	210E	4304731541	5355	Federal	OW	P
COSTAS FED 3-21-1D	GH 3-21	SWNW	21	080S	210E	4304731604	5355	Federal	WI	A
COSTAS FED 4-21-1C	GH 4-21	SENE	21	080S	210E	4304731826	5355	Federal	OW	P
COSTAS FED 5-21-2C	GH 5-21	SENE	21	080S	210E	4304731827	5355	Federal	OW	P
SRU 8-I	GH 8-I	SWNE	20	080S	210E	4304731932	5355	Federal	WI	A
GYPSUM HILLS 9	GH 9	SENE	20	080S	210E	4304732304	5355	Federal	OW	P
GYPSUM HILLS 10	GH 10	NWSE	21	080S	210E	4304732306	5355	Federal	WI	A
GYPSUM HILLS 12	GH 12	NESE	19	080S	210E	4304732458	5355	Federal	WI	A
GYPSUM HILLS 11	GH 11	NWSE	20	080S	210E	4304732459	5355	Federal	OW	P
GYPSUM HILLS 13	GH 13	NESW	21	080S	210E	4304732460	5355	Federal	OW	P
GYPSUM HILLS 14	GH 13	NWSW	20	080S	210E	4304732647	5355	Federal	OW	P
GYPSUM HILLS 15	GH 15	SWSW	20	080S	210E	4304732648	5355	Federal	WI	A
GYPSUM HILLS 17	GH 17	SWSE	20	080S	210E	4304732649	5355	Federal	WI	A
GYPSUM HILLS 18	GH 18	SESE	20	080S	210E	4304732650	5355	Federal	OW	P
GYPSUM HILLS 19	GH 19	SWNW	20	080S	210E	4304732651	5355	Federal	OW	P
GYPSUM HILLS 20	GH 20	SENE	20	080S	210E	4304732652	5355	Federal	OW	P
GYPSUM HILLS 16	GH 16	SESW	20	080S	210E	4304732675	5355	Federal	OW	P
GHU 10W-19-8-21	GH 10W-19-8-21	NWSE	19	080S	210E	4304733528	12736	Federal	GW	P
GH 10G-19-8-21	GH 10G-19-8-21	NWSE	19	080S	210E	4304733566	5355	Federal	OW	P
WV 11W-17-8-21	WV 11W-17-8-21	NESW	17	080S	210E	4304733912	13228	Federal	GW	P
WV 5W-17-8-21	WV 5W-17-8-21	SWNW	17	080S	210E	4304733954	13332	Federal	GW	P
WV 7W-17-8-21	WV 7W-17-8-21	SWNE	17	080S	210E	4304733956	13330	Federal	GW	P
GH 9W-17-8-21	GH 9W-17-8-21	NESE	17	080S	210E	4304734150	13392	Federal	GW	P
GH 16W-17-8-21	GH 16W-17-8-21	SESE	17	080S	210E	4304734156	13354	Federal	GW	P
WV EXT 10W-17-8-21	WVX 10W-17-8-20	NWSE	17	080S	210E	4304734561	13744	Federal	GW	P
GH EXT 15W-17-8-21	GHX 15W-17-8-20	SWSE	17	080S	210E	4304734562	13674	Federal	GW	P
GYPSUM HILLS 13HG-17-8-21	GHX 13HG-17-8-21	SWSW	17	080S	210E	4304734723	5355	Federal	OW	S
GH 1G-17-8-21	GH 1G-17-8-21	NENE	17	080S	210E	4304734927	5355	Federal	OW	P
WV EXT 2W-17-8-21	WVX 2W-17-8-20	NWNE	17	080S	210E	4304734928	14253	Federal	GW	P
WV EXT 8W-17-8-21	WVX 8W-17-8-20	SENE	17	080S	210E	4304734929	13792	Federal	GW	P
GH 4MU-20-8-21	GH 4MU-20-8-21	NWNW	20	080S	210E	4304735068	14213	Federal	GW	P
GYPSUM HILLS 13MU-20-8-21	GH 13MU-20-8-20	SWSW	20	080S	210E	4304735070	14817	Federal	GW	P
GH 5W-20-8-21	GH 5W-20-8-21	SWNW	20	080S	210E	4304735097	14557	Federal	GW	P
WVX 3MU-17-8-21	WVX 3MU-17-8-21	NENW	17	080S	210E	4304735318	14113	Federal	GW	P
GH 15ML-18-8-21	GH 15ML-18-8-21	SWSE	18	080S	210E	4304735323	15483	Federal	GW	DRL



QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
GYPSUM HILLS UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GH 1ML-19-8-21	GH 1ML-19-8-21	NENE	19	080S	210E	4304735324	14824	Federal	GW	P
GH 16W-19-8-21	GH 16W-19-8-21	SESE	19	080S	210E	4304735325	14823	Federal	GW	DRL
WVX 14MU-17-8-21	WVX 14MU-17-8-21	SESW	17	080S	210E	4304735369	14098	Federal	GW	P
WVX 12MU-17-8-21	WVX 12MU-17-8-21	NWSW	17	080S	210E	4304735370	15108	Federal	GW	P
WVX 8MU-19-8-21	WVX 8MU-19-8-21	SENE	19	080S	210E	4304735372	14241	Federal	GW	P
GH 10ML-18-8-21	GH 10ML-18-8-21	NWSE	18	080S	210E	4304735391	15482	Federal	GW	P
GH 8G-17-8-21	GH 8G-17-8-21	SENE	17	080S	210E	4304737992	5355	Federal	OW	DRL
GH 16G-17-8-21	GH 16G-17-8-21	SESE	17	080S	210E	4304737993	5355	Federal	OW	DRL
WVX 1MU-17-8-21	WVX 1MU-17-8-21	NENE	17	080S	210E	4304738156		Federal	GW	APD
GH 8MU-20-8-21	GH 8-20-8-21	SENE	20	080S	210E	4304738157		Federal	GW	APD
WVX 13MU-17-8-21	WVX 13MU-17-8-21	SWSW	17	080S	210E	4304738188		Federal	GW	APD
WVX 6MU-17-8-21	WVX 6MU-17-8-21	SENE	17	080S	210E	4304738189		Federal	GW	APD
WVX 4MU-17-8-21	WVX 4MU-17-8-21	NWNW	17	080S	210E	4304738190		Federal	GW	APD
WVX 16MU-18-8-21	WVX 16MU-18-8-21	SESE	18	080S	210E	4304738191		Federal	GW	APD
GH 2MU-19-8-21	GH 2MU-19-8-21	NWNE	19	080S	210E	4304738192		Federal	GW	APD
GH 3MU-19-8-21	GH 3MU-19-8-21	NENW	19	080S	210E	4304738250		Federal	GW	APD
GH 4MU-19-8-21	GH 4MU-19-8-21	NWNW	19	080S	210E	4304738264		Federal	GW	APD
GH 5MU-19-8-21	GH 5MU-19-8-21	SWNW	19	080S	210E	4304738265		Federal	GW	APD
GH 6MU-19-8-21	GH 6MU-19-8-21	SENE	19	080S	210E	4304738266		Federal	GW	APD
GH 7MU-19-8-21	GH 7D-19-8-21	SWNE	19	080S	210E	4304738267		Federal	GW	APD
GH 11MU-19-8-21	GH 11MU-19-8-21	NESW	19	080S	210E	4304738268		Federal	GW	APD
GH 12MU-19-8-21	GH 12MU-19-8-21	NWSW	19	080S	210E	4304738269		Federal	GW	APD
GH 15MU-19-8-21	GH 15MU-19-8-21	SWSE	19	080S	210E	4304738270		Federal	GW	APD
GH 14MU-19-8-21	GH 14MU-19-8-21	SESW	19	080S	210E	4304738472		Federal	GW	APD
WVX 1MU-18-8-21	WVX 1MU-18-8-21	NENE	18	080S	210E	4304738659		Federal	GW	APD
WVX 9MU-18-8-21	WVX 9MU-18-8-21	NESE	18	080S	210E	4304738660		Federal	GW	APD
WVX 8MU-18-8-21	GH 8G-18-8-21	SENE	18	080S	210E	4304738661		Federal	GW	APD
GH 6MU-20-8-21	GH 6-20-8-21	SENE	20	080S	210E	4304738662		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE <u>[Signature]</u>	DATE <u>4/17/2007</u>

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (GR) Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Gypsum Hills (GR) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (GR) Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Gypsum Hills (GR) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Gypsum Hills (GR) Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

CA No.				Unit:		GYPSUM HILLS (GRRV)		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
PHONE NUMBER: (303) 672-6900		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Attached		STATE: UTAH

**11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/30/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
GYPSUM HILLS (GRRV)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
GH 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GH 1-19	19	080S	210E	4304731065	5355	Federal	OW	P	
GH 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
GH 4-21	21	080S	210E	4304731826	5355	Federal	OW	P	
GH 5-21	21	080S	210E	4304731827	5355	Federal	OW	P	
GH 9	20	080S	210E	4304732304	5355	Federal	OW	DRL	C
GH 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GH 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GH 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GH 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GH 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GH 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GH 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GH 10W-19-8-21	19	080S	210E	4304733528	12736	Federal	GW	P	
GH 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
WV 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P	
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal	GW	P	
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal	GW	P	
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal	GW	P	
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal	GW	P	
WVX 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	
GHX 15W-17-8-21	17	080S	210E	4304734562	13674	Federal	GW	P	
GHX 13HG-17-8-21	17	080S	210E	4304734723	5355	Federal	OW	P	
GH 1G-17-8-21	17	080S	210E	4304734927	5355	Federal	OW	P	
WVX 2W-17-8-21	17	080S	210E	4304734928	14253	Federal	GW	P	
WVX 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	P	
GH 4MU-20-8-21	20	080S	210E	4304735068	14213	Federal	GW	P	
GH 13MU-20-8-21	20	080S	210E	4304735070	14817	Federal	GW	P	
GH 5W-20-8-21	20	080S	210E	4304735097	14557	Federal	GW	P	
WVX 3MU-17-8-21	17	080S	210E	4304735318	14113	Federal	GW	P	
GH 15ML-18-8-21	18	080S	210E	4304735323	15483	Federal	GW	P	
GH 1ML-19-8-21	19	080S	210E	4304735324	14824	Federal	GW	P	
WVX 14MU 17-8-21	17	080S	210E	4304735369	14098	Federal	GW	P	
WVX 12MU-17-8-21	17	080S	210E	4304735370	15108	Federal	GW	P	
WVX 8MU-19-8-21	19	080S	210E	4304735372	14241	Federal	GW	P	
GH 10ML-18-8-21	18	080S	210E	4304735391	15482	Federal	GW	P	
GH 8G-17-8-21	17	080S	210E	4304737992	5355	Federal	OW	P	
GH 16G-17-8-21	17	080S	210E	4304737993	5355	Federal	OW	P	
GH 8G-18-8-21	18	080S	210E	4304738661		Federal	GW	APD	C
GH 6-20-8-21	20	080S	210E	4304738662	17041	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roy L Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINING